

Figure 1

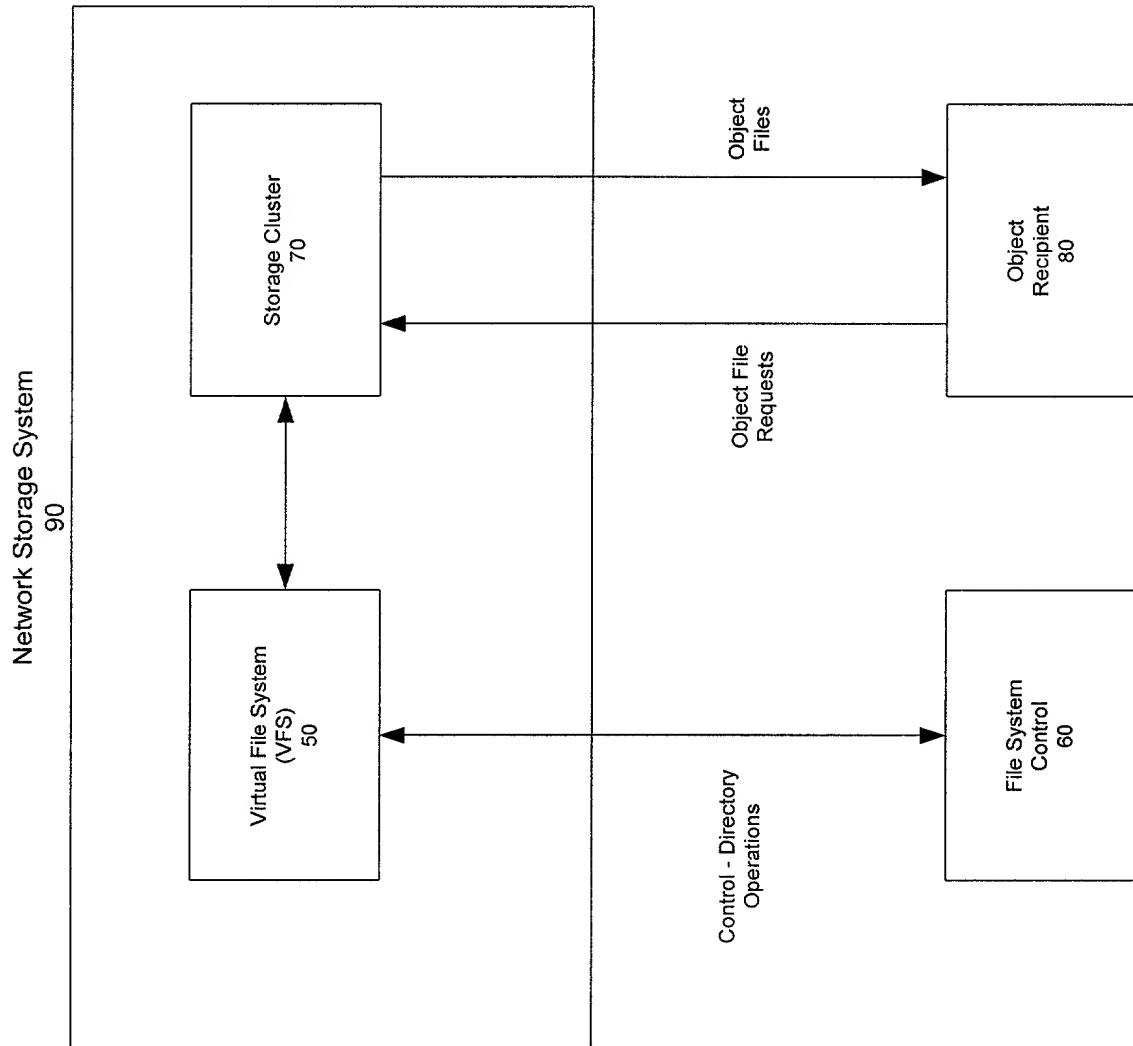
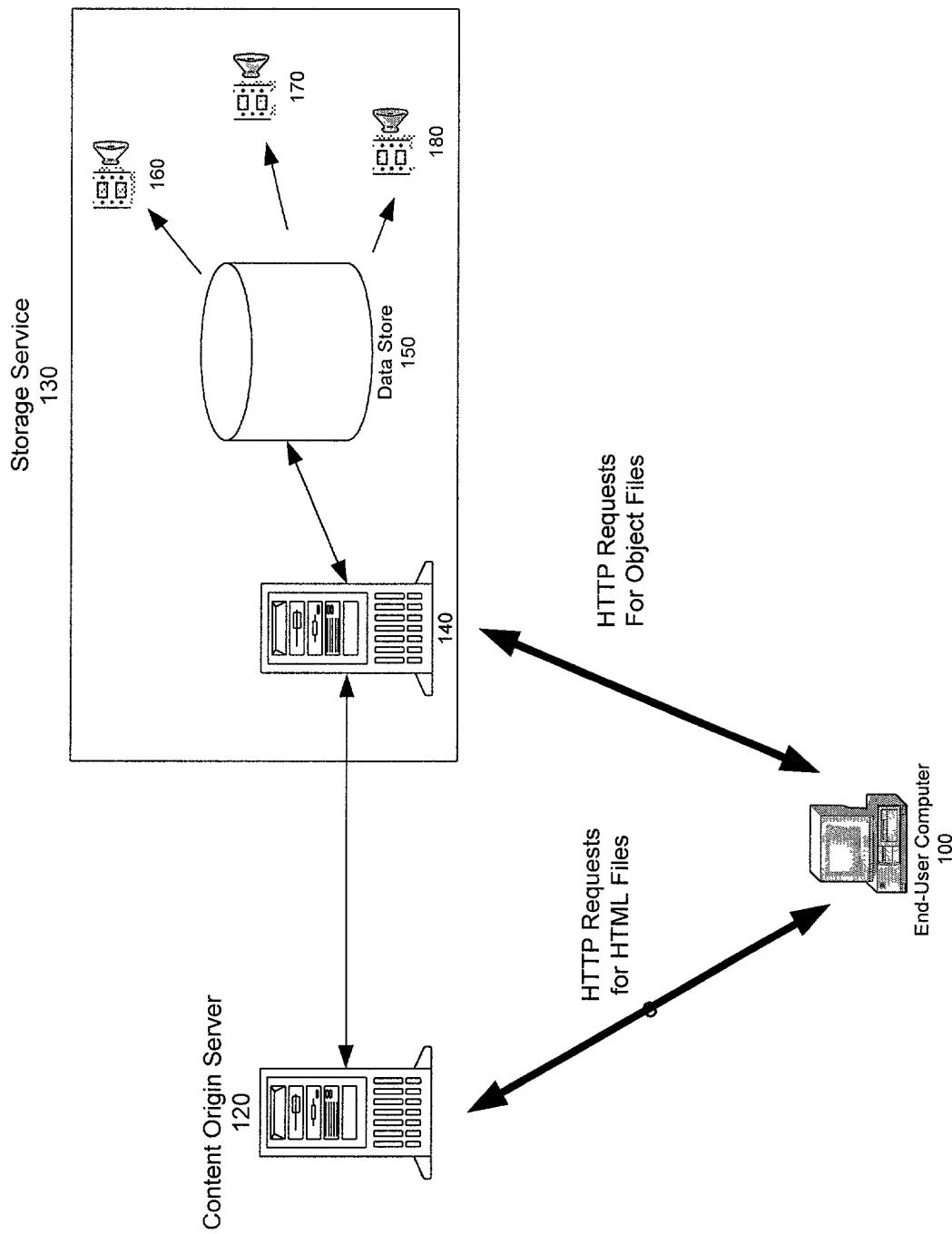
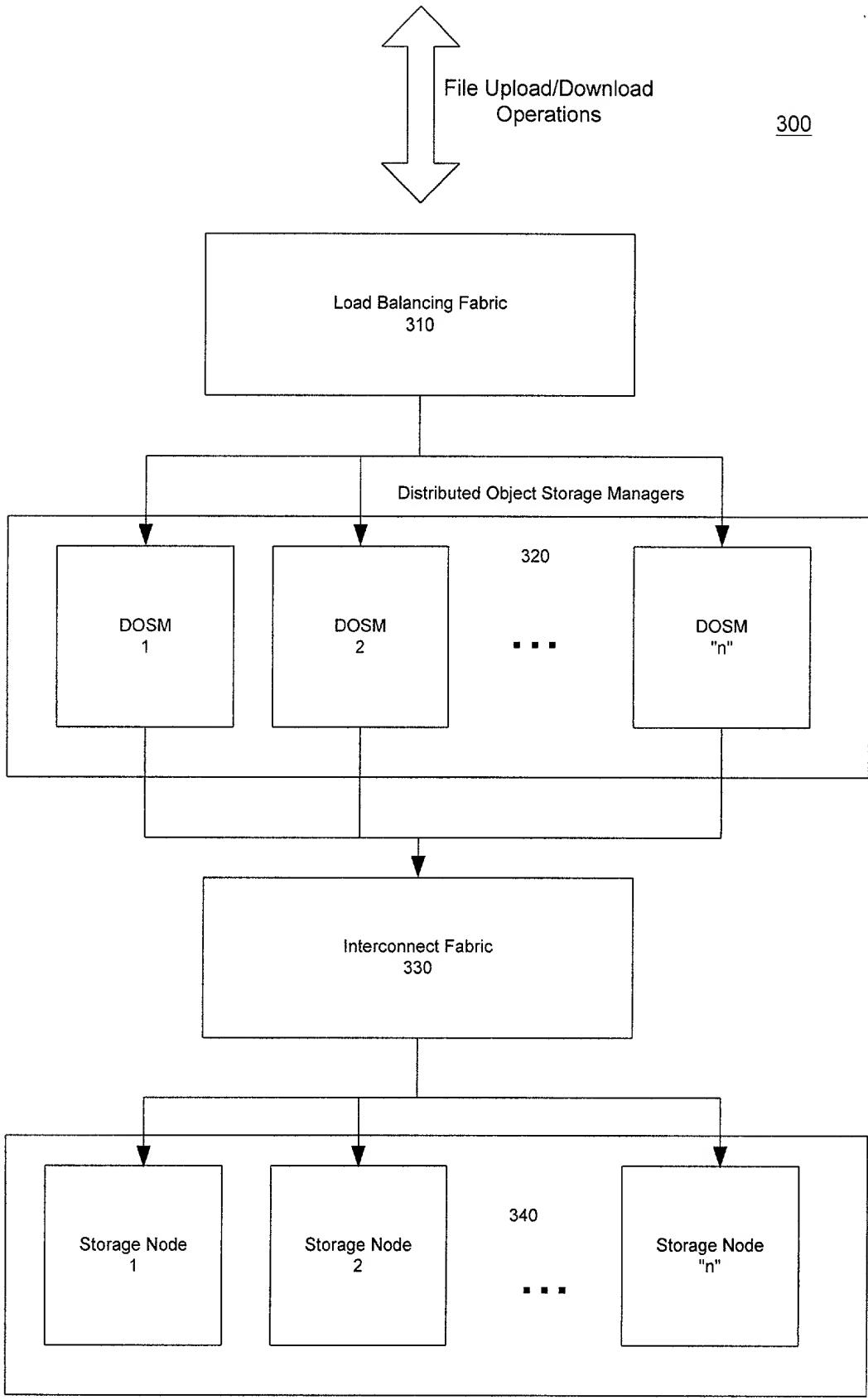


Figure 2

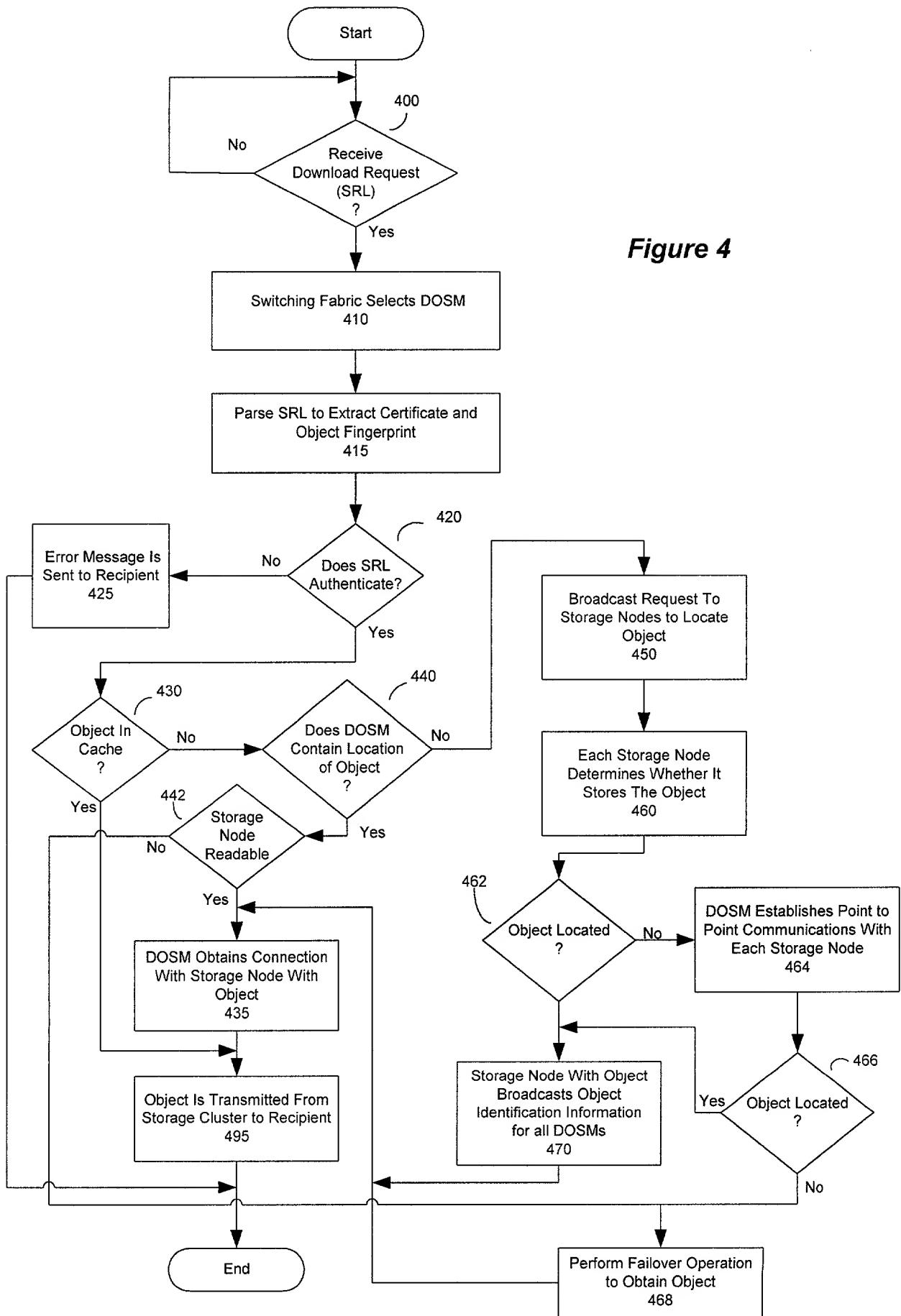




Intelligent Storage Nodes

Figure 3

Figure 4



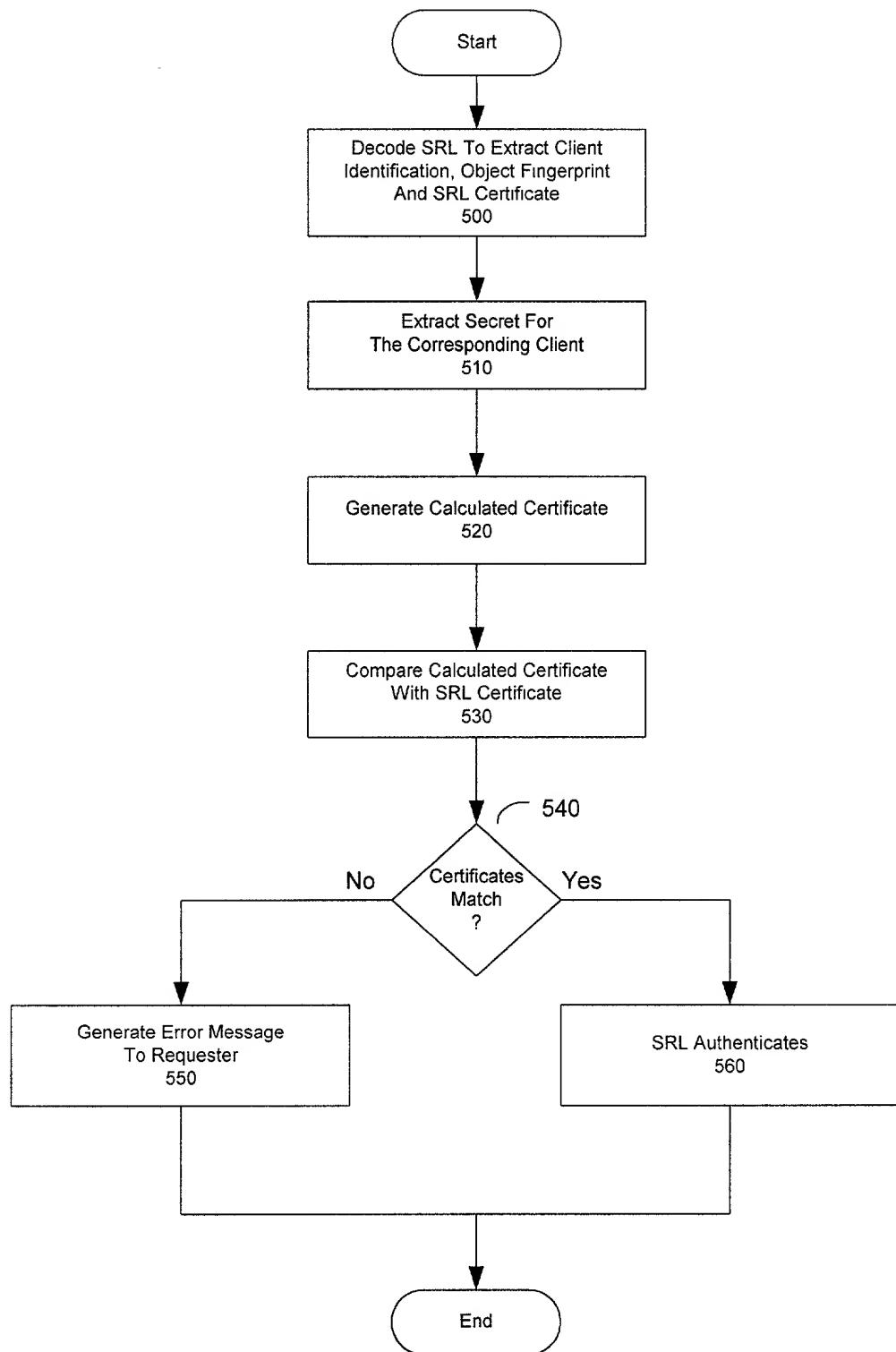


Figure 5

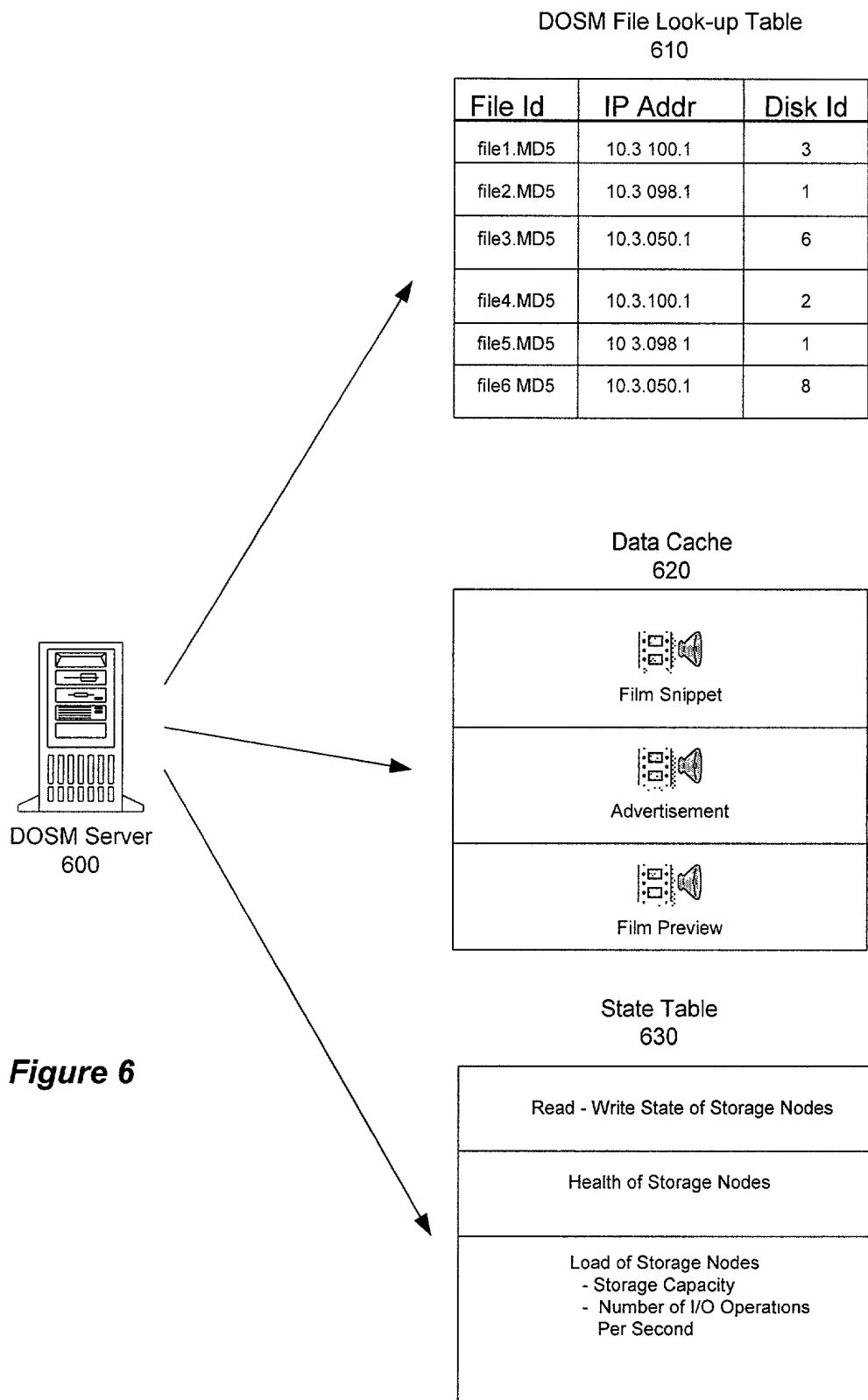
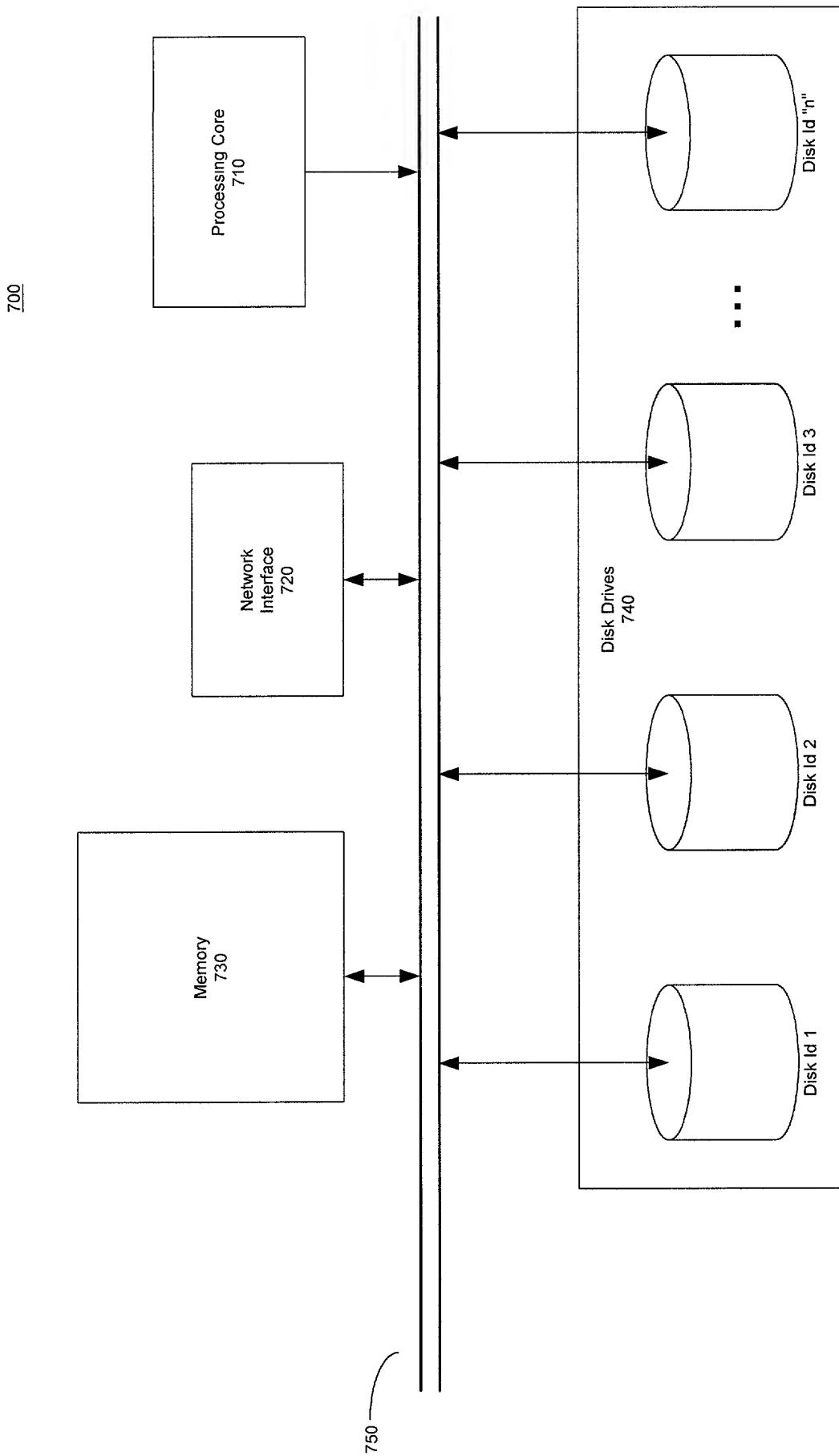


Figure 7



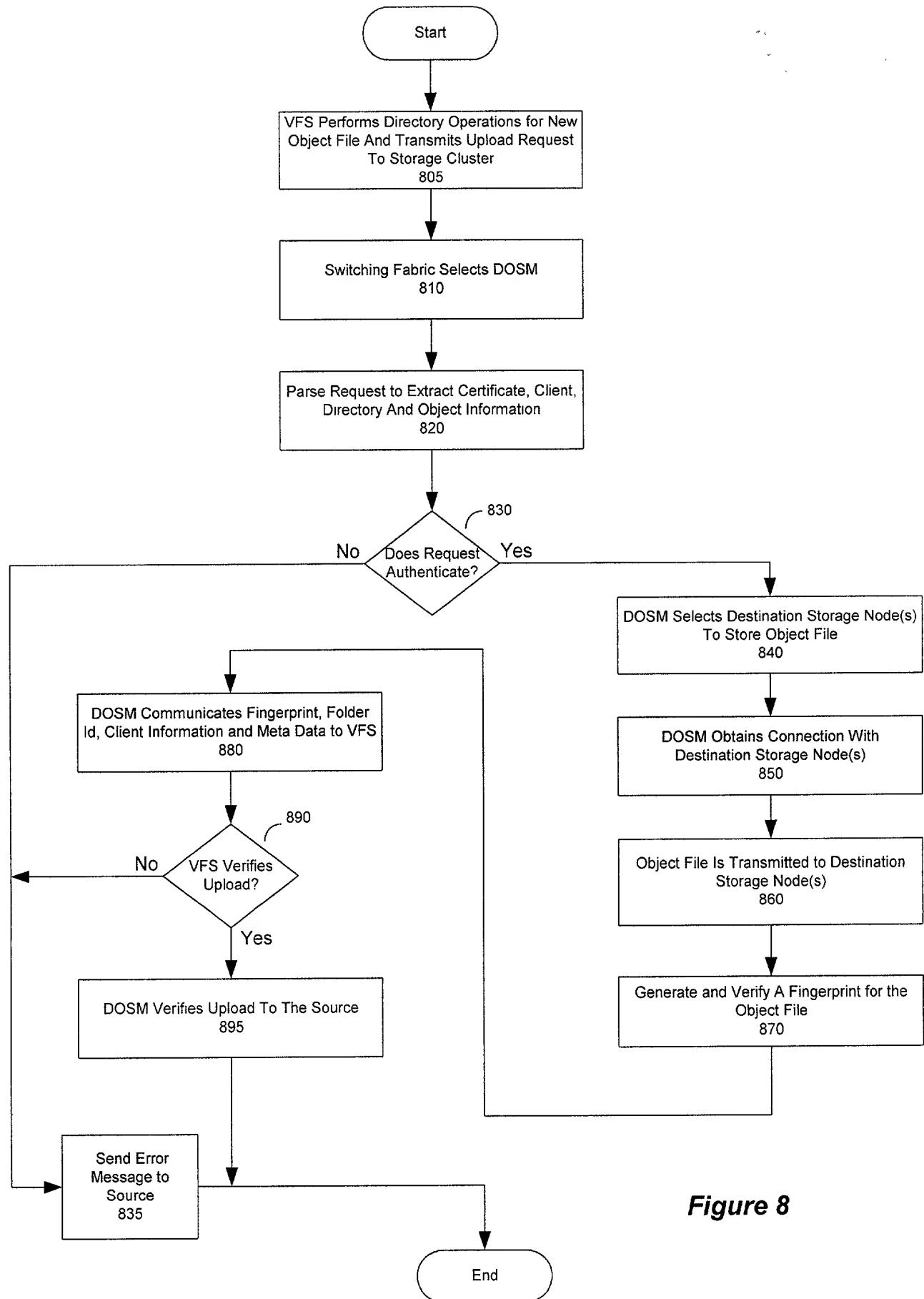


Figure 8

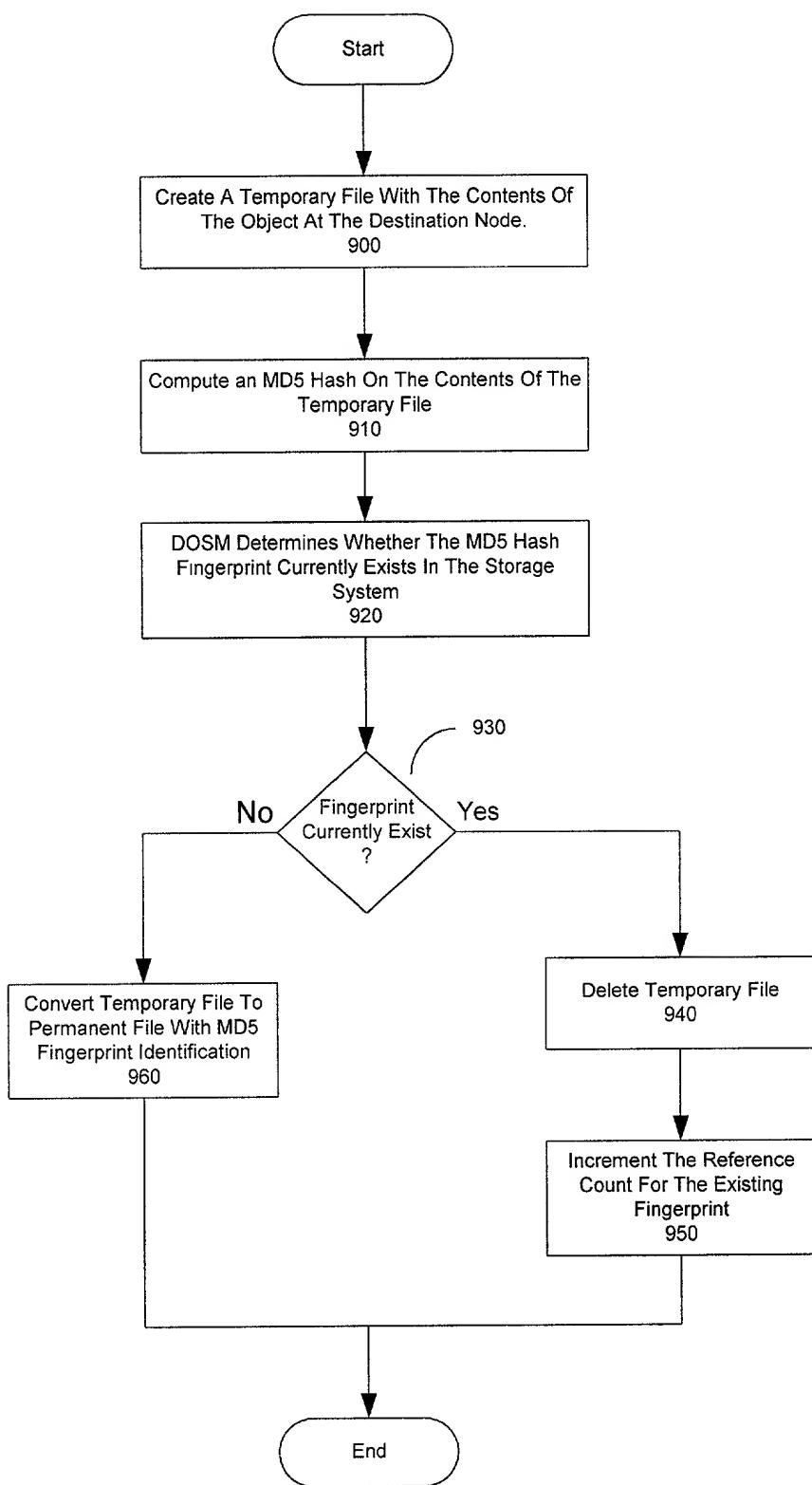


Figure 9

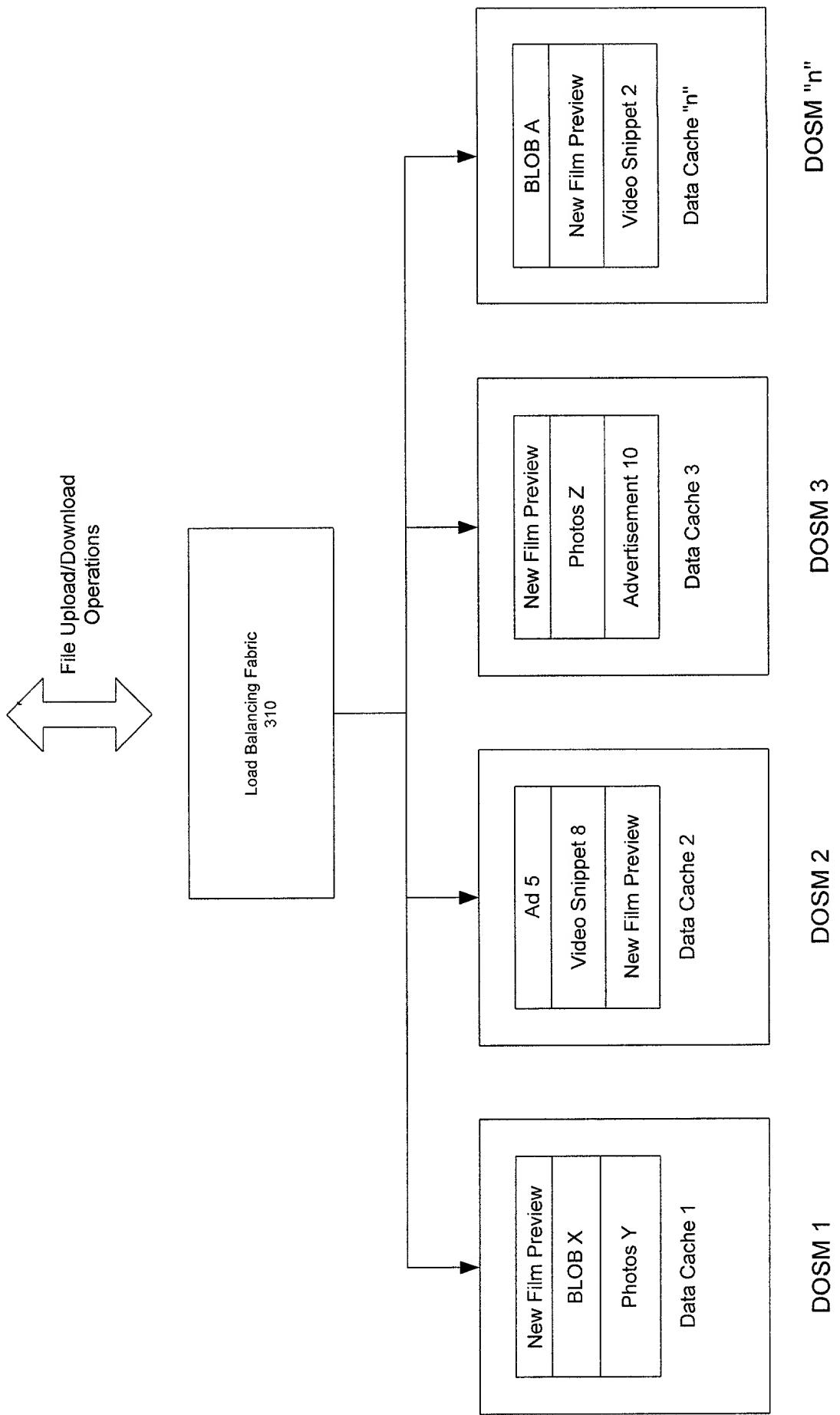
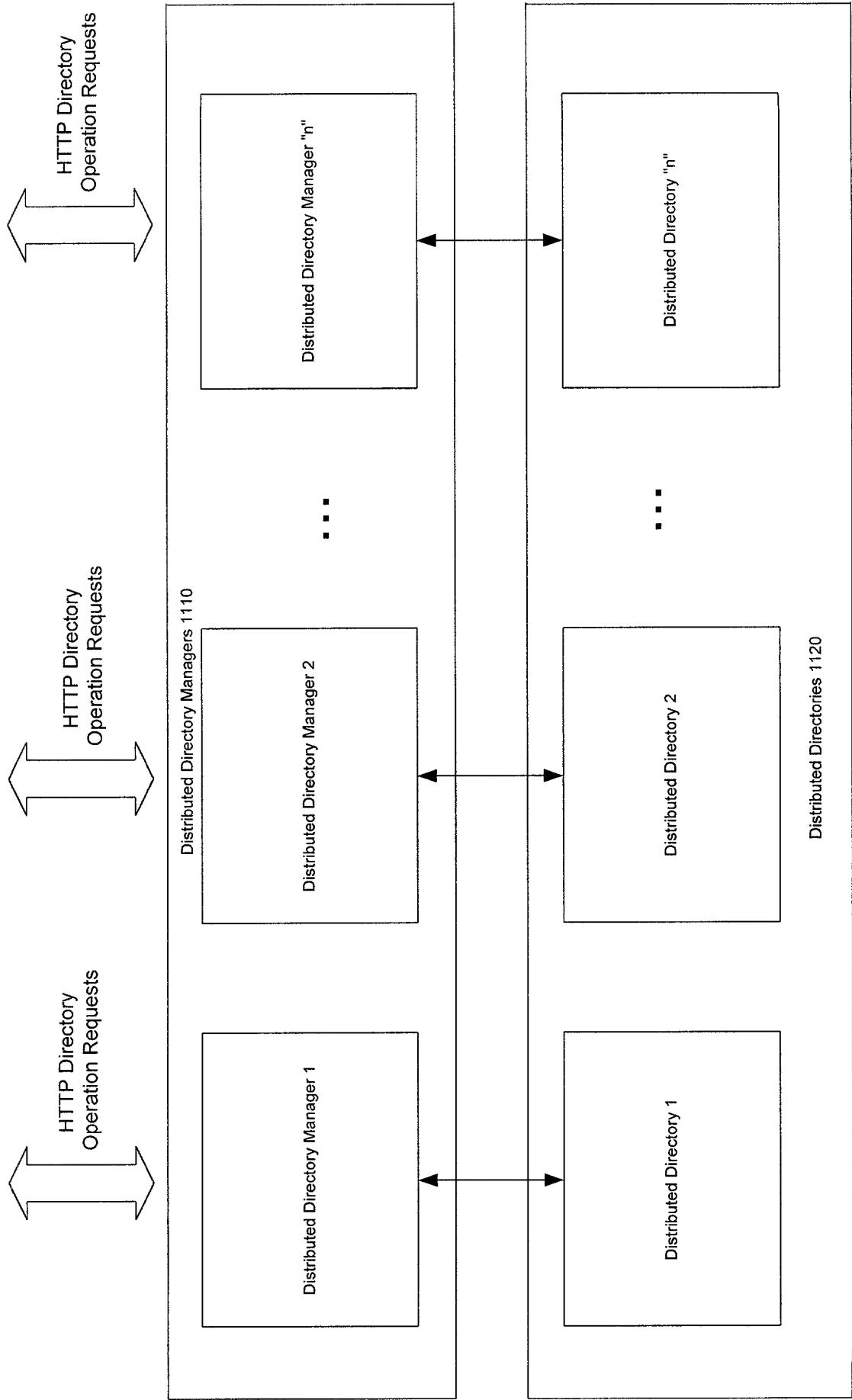


Figure 10



1100

Figure 11

Customer Table

	Customer Name	Customer Reserved Fields
	Customer A	[Customer stores data ...]
	Customer B	[Customer stores data ...]
	Customer C	[Customer stores data ...]
	Customer D	[Customer stores data ...]

1200

Folder Table

Customer Id	Folder Id	Folder Parent Id	Metadata
3	2	-	[Reserved]
3	100	2	[Reserved]
3	251	2	[Reserved]
3	166	251	[Reserved]

1210

File Table

Customer Id	File Handle	Folder Id	Folder Parent Id	Metadata
3	52.MD5	100	2	[Reserved]
3	55.MD5	100	2	[Reserved]
3	99.MD5	166	251	[Reserved]
3	67.MD5	166	251	[Reserved]

1220

Figure 12

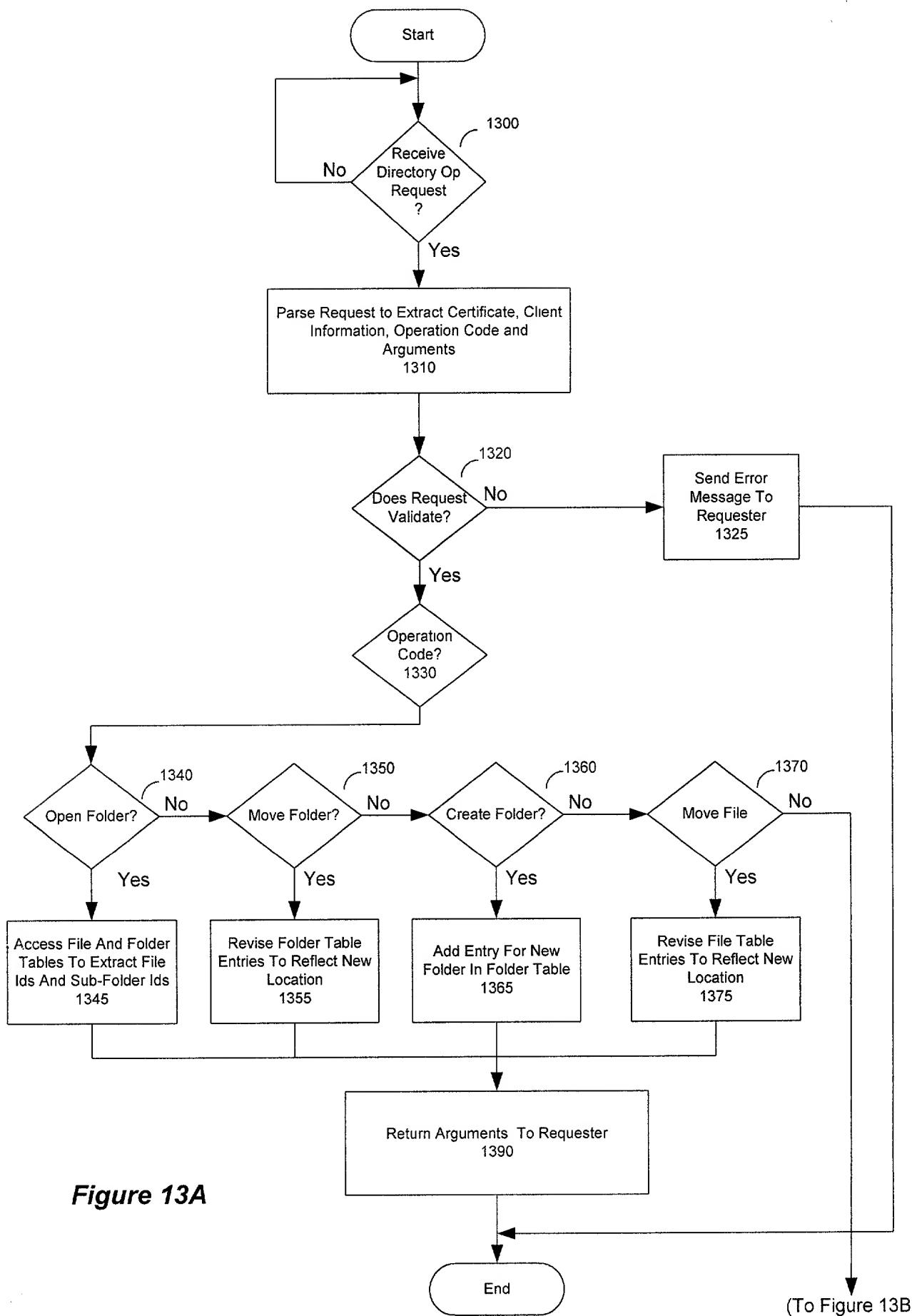


Figure 13A

(To Figure 13B)

(From Figure 13A)

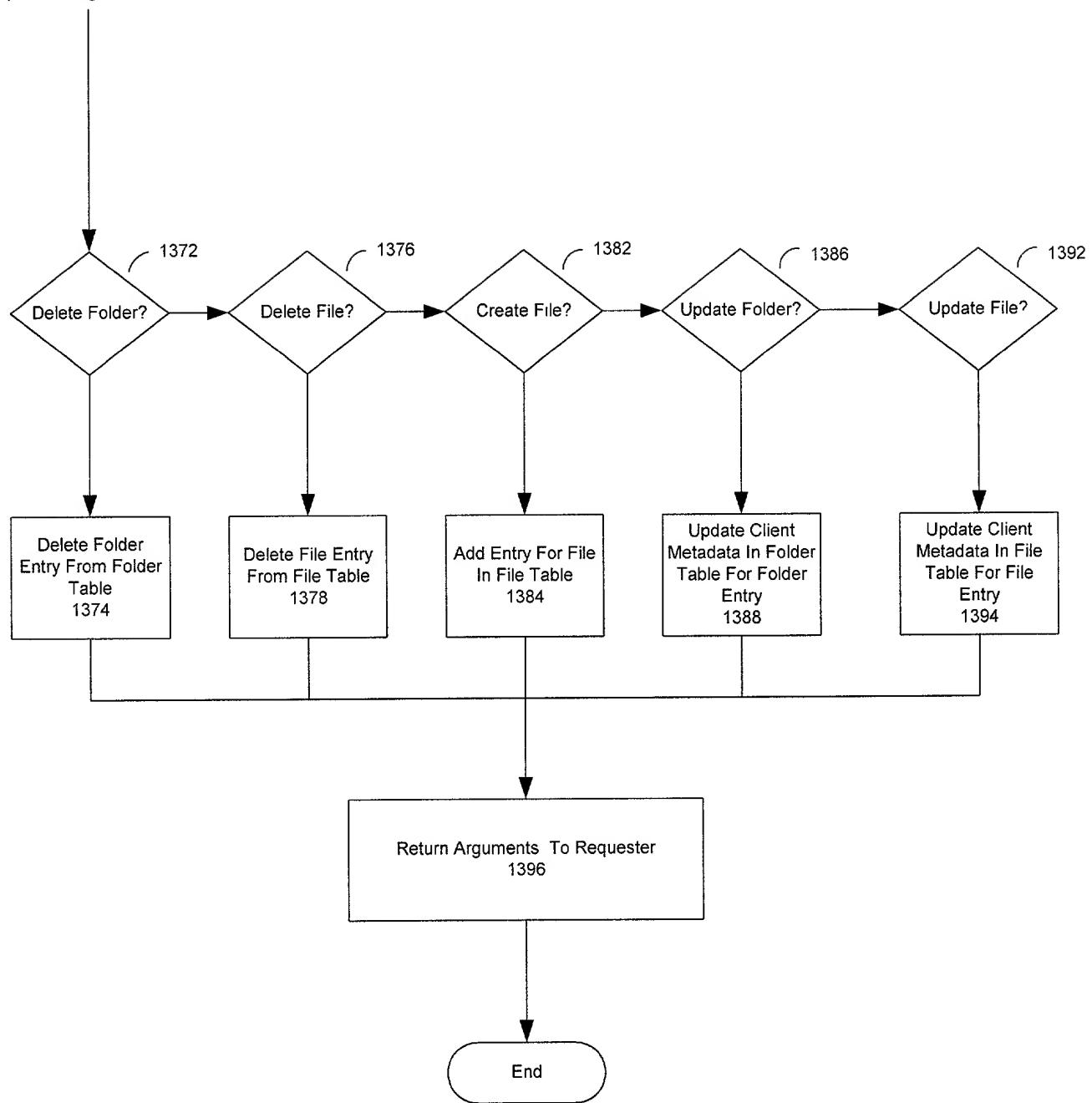


Figure 13B

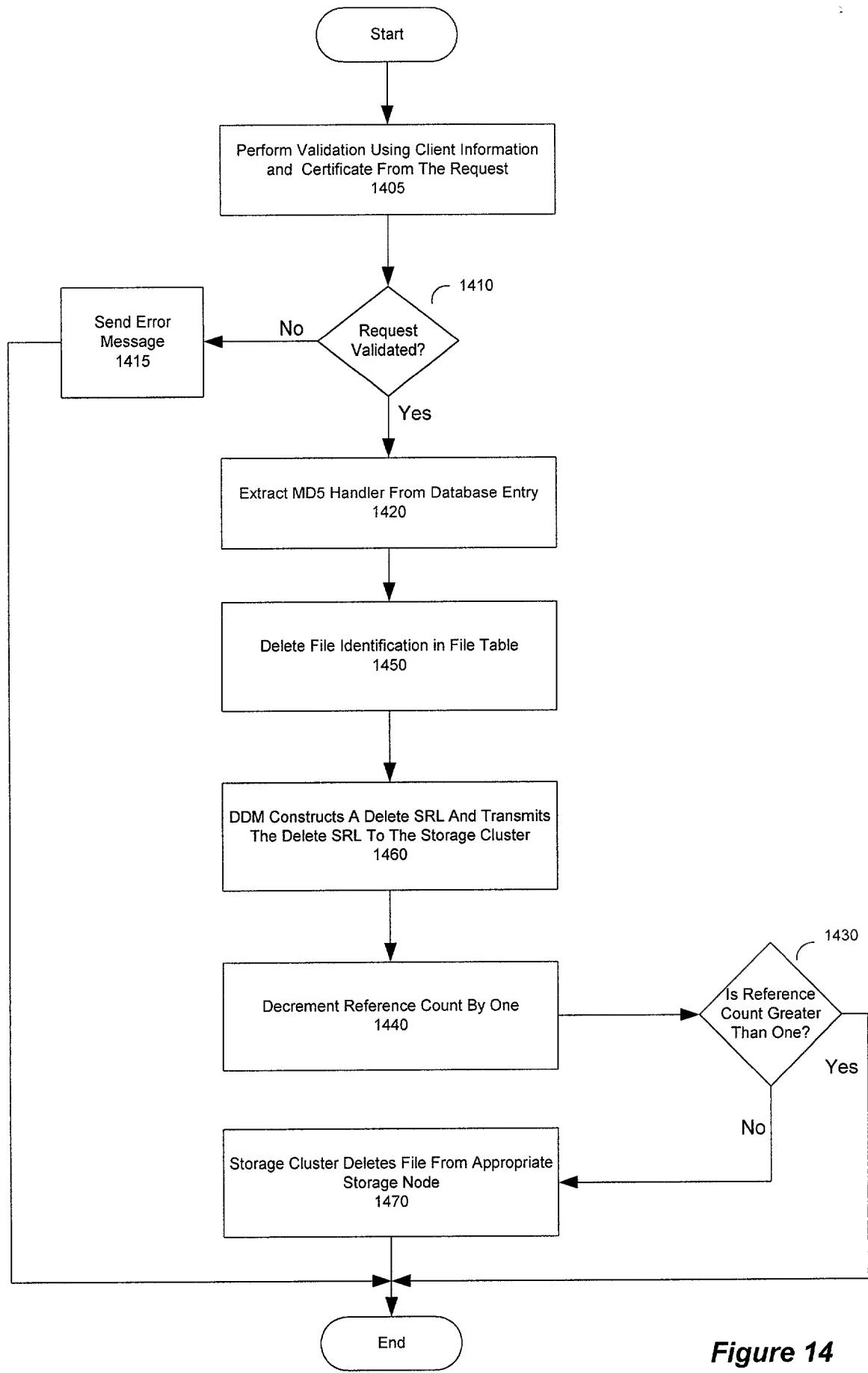


Figure 14

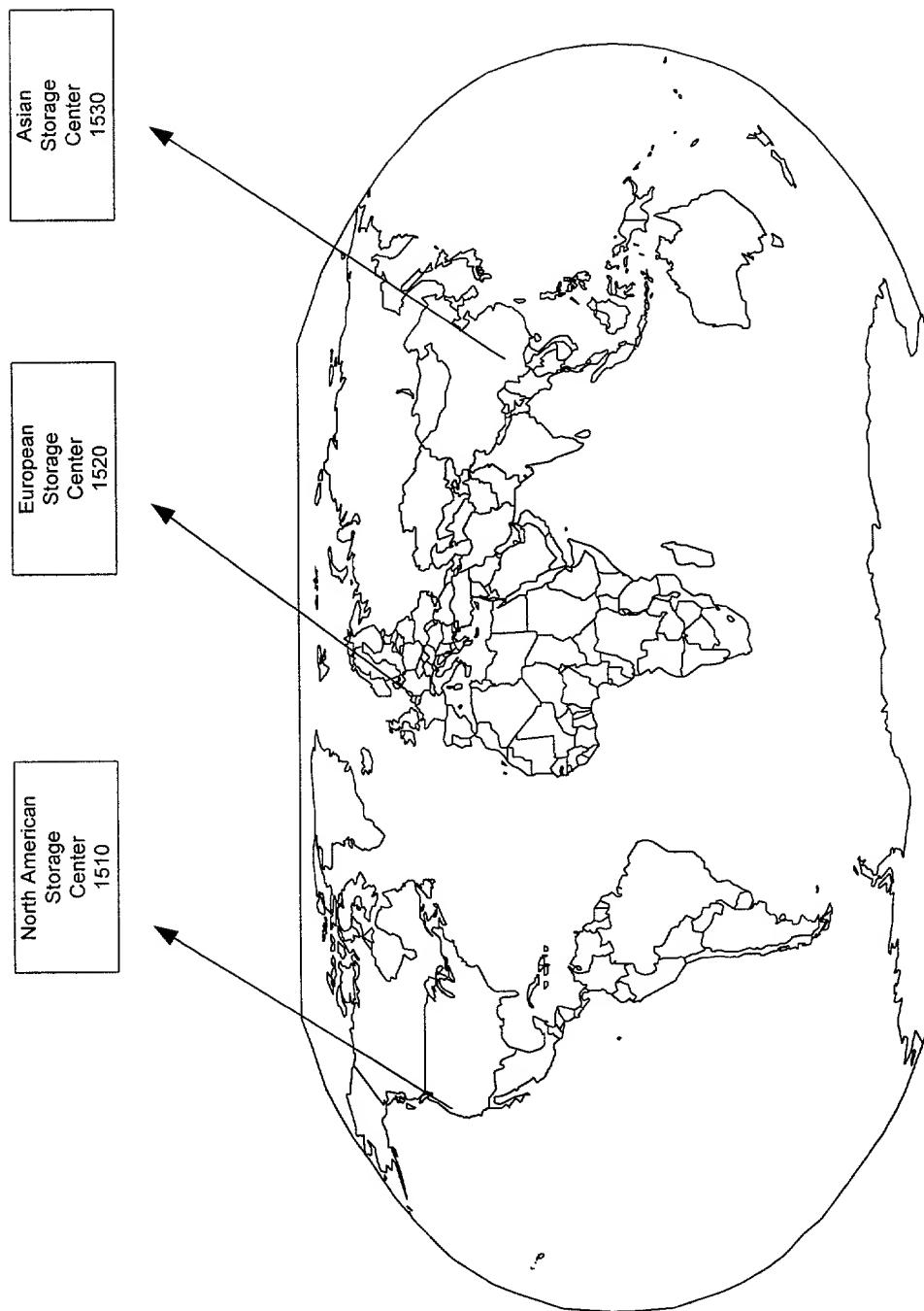
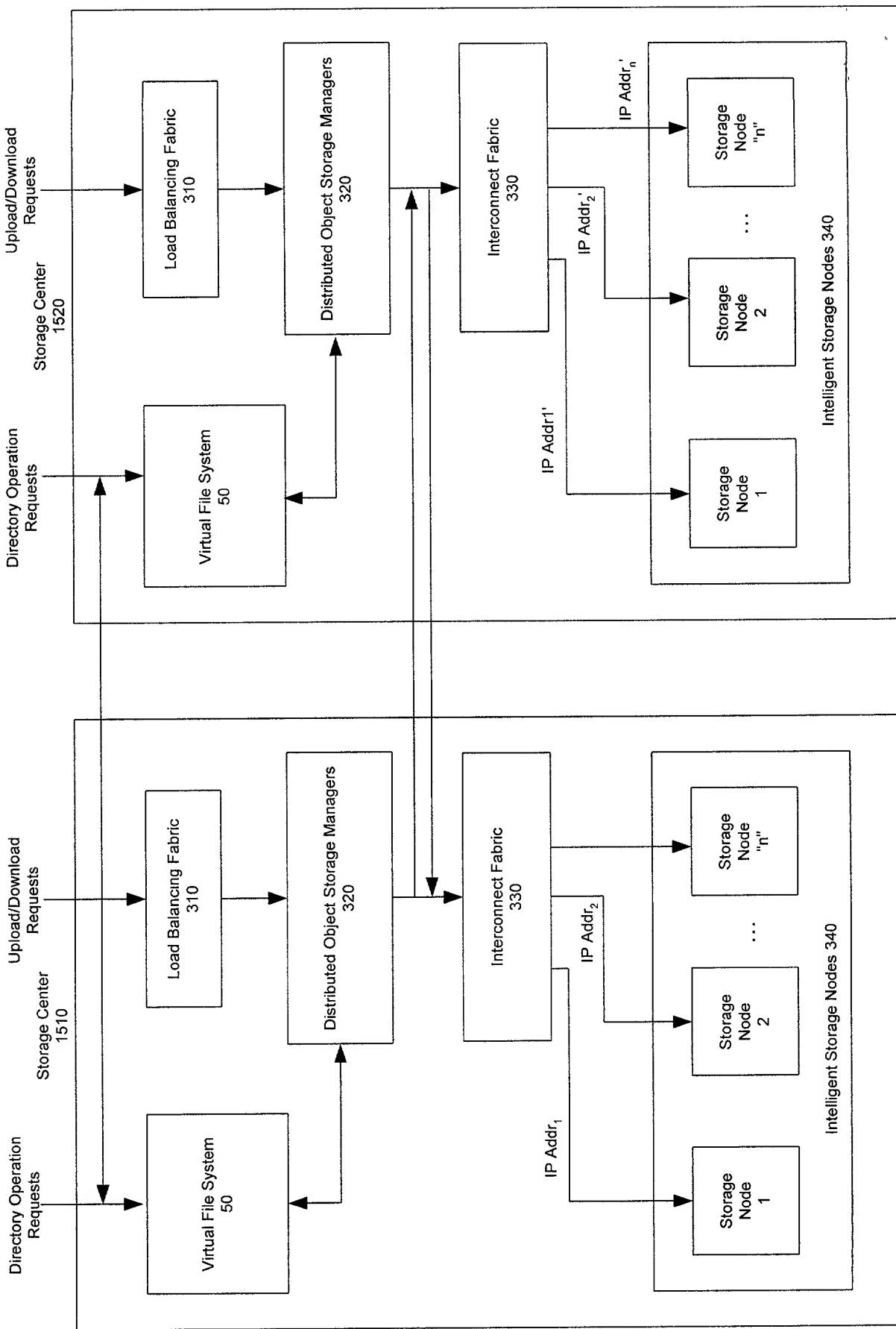


Figure 15

Figure 16



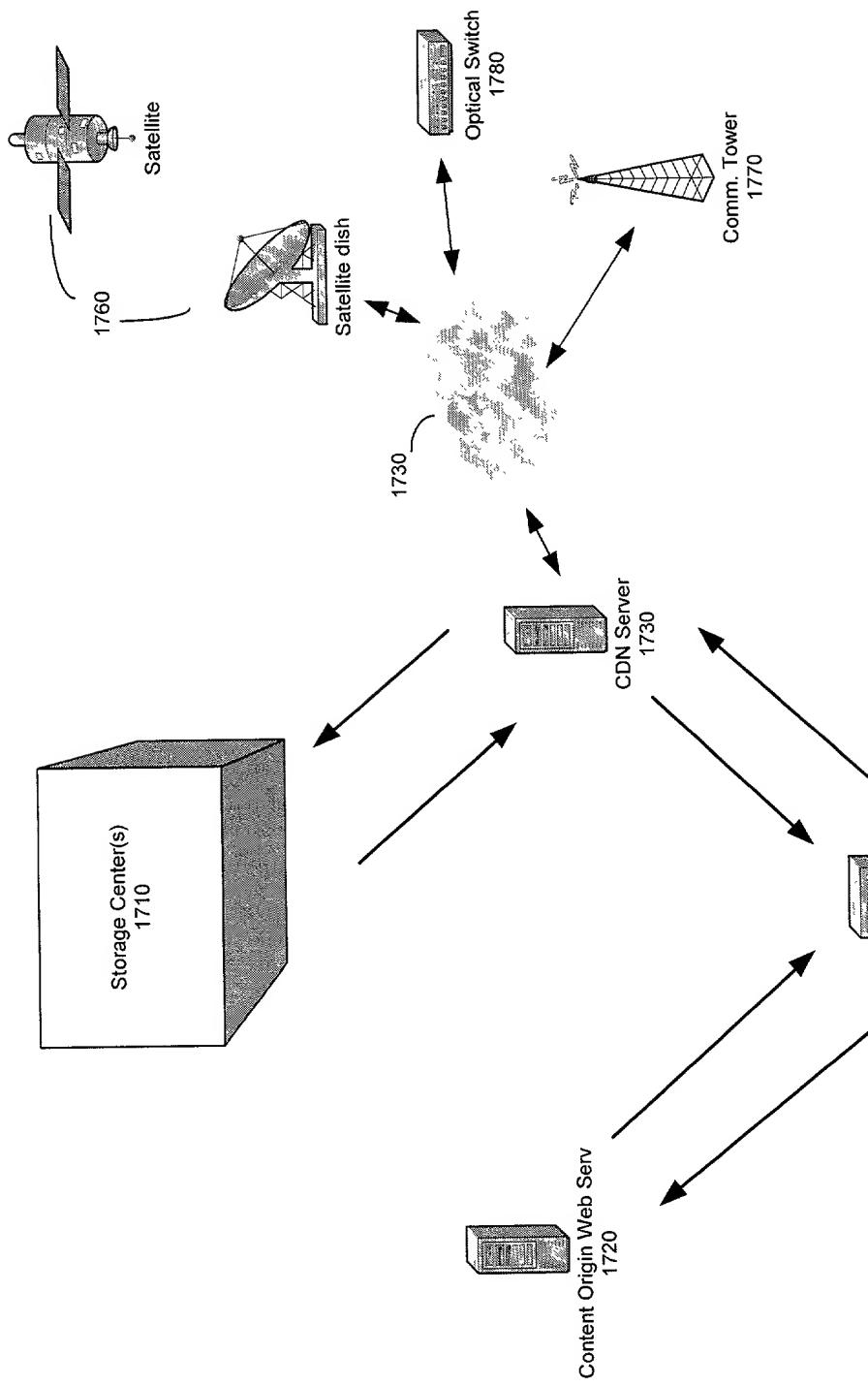


Figure 17

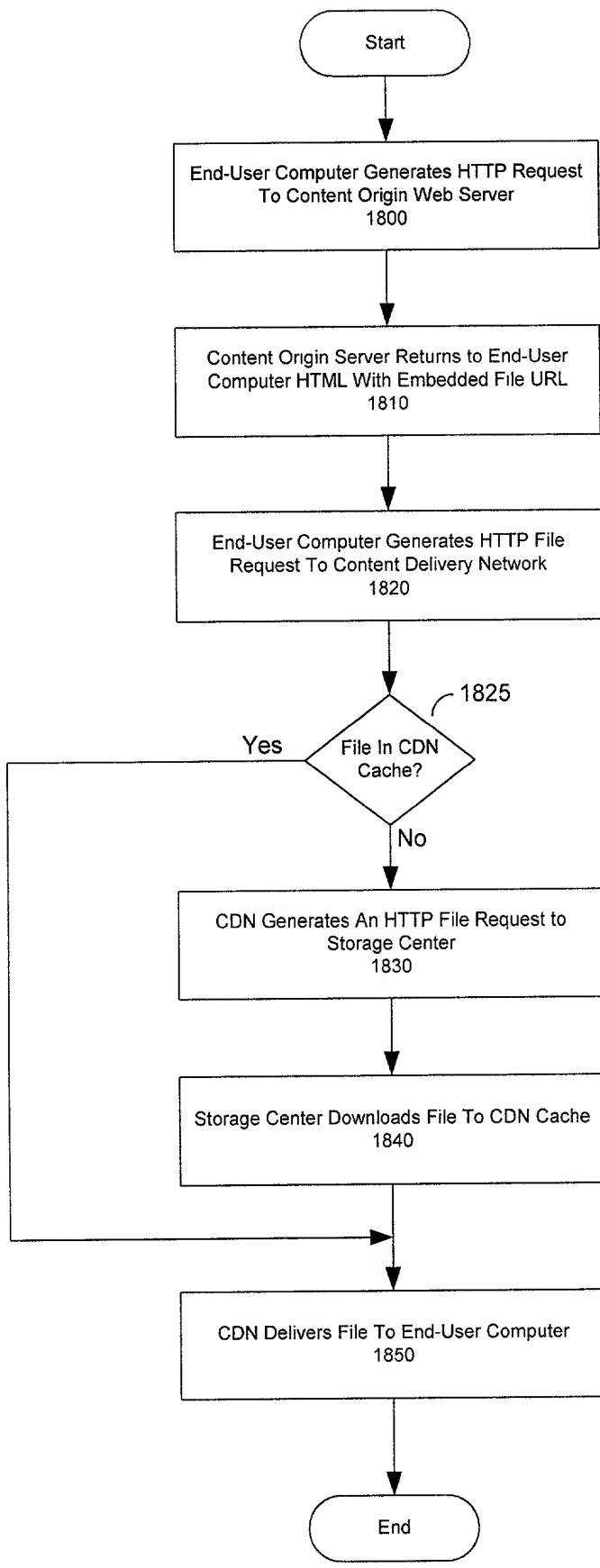


Figure 18

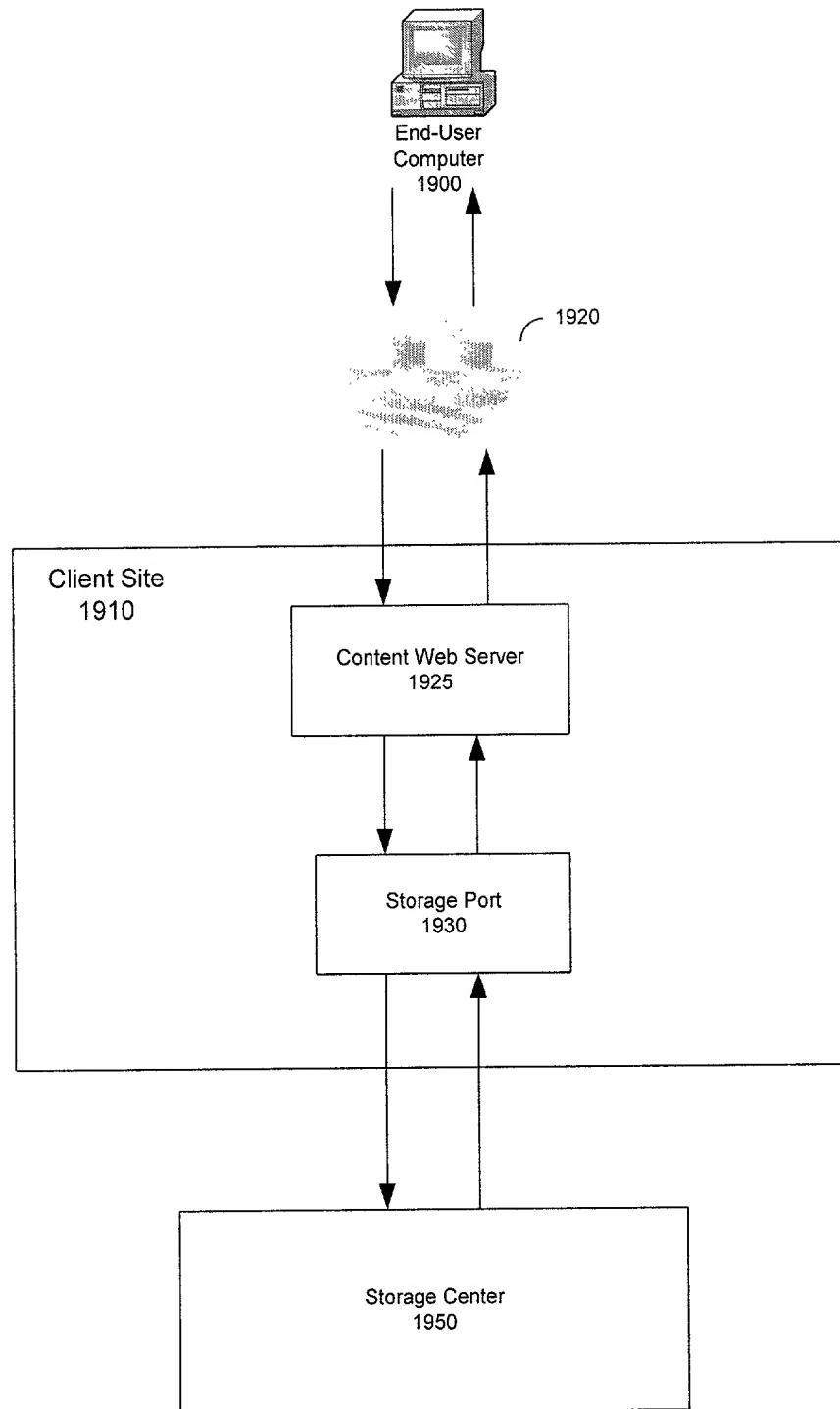


Figure 19

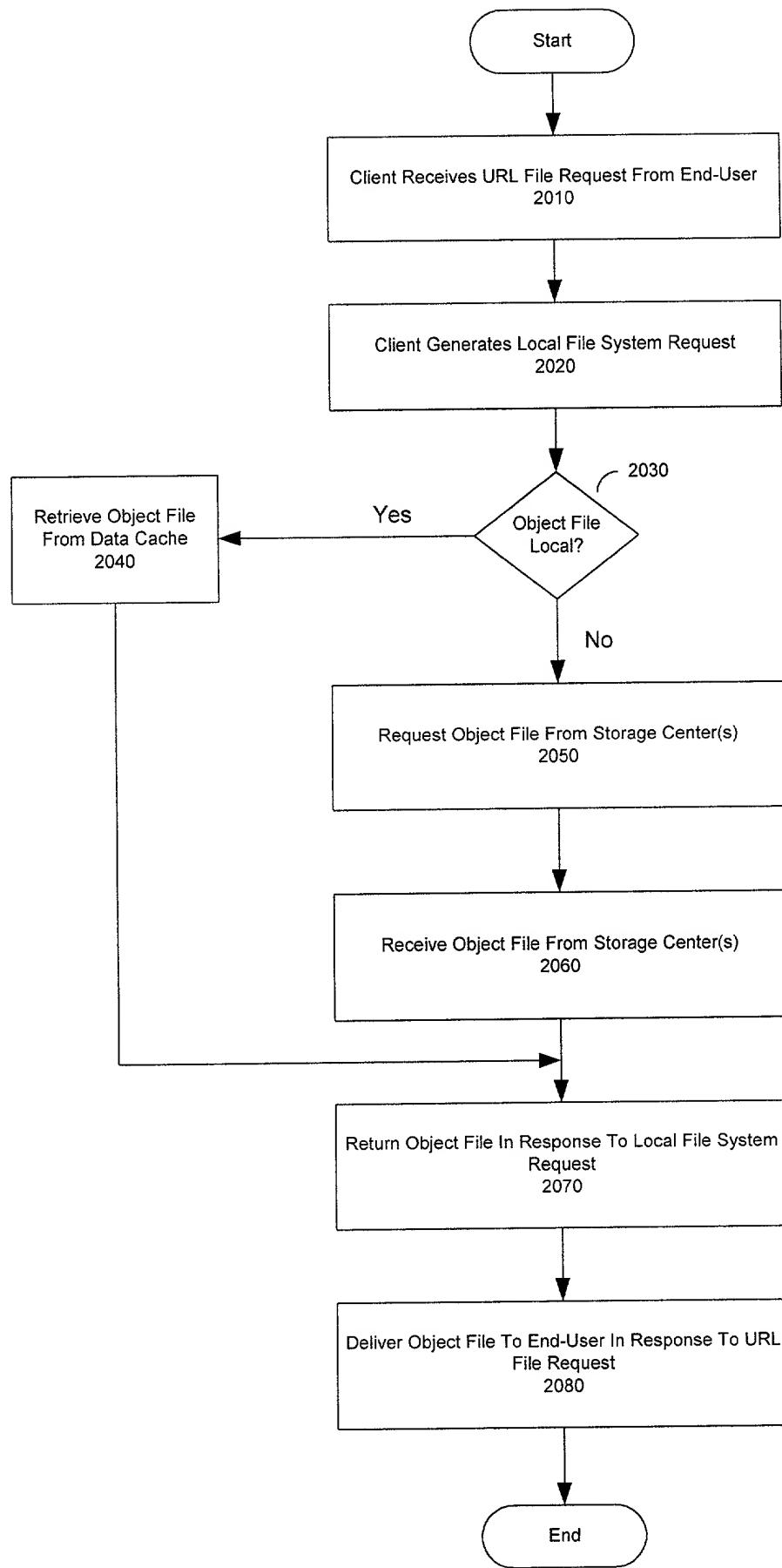


Figure 20

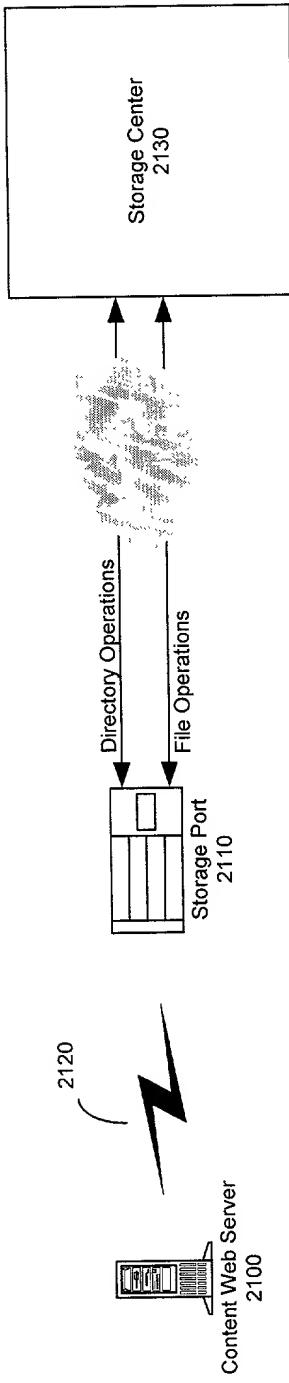


Figure 21a

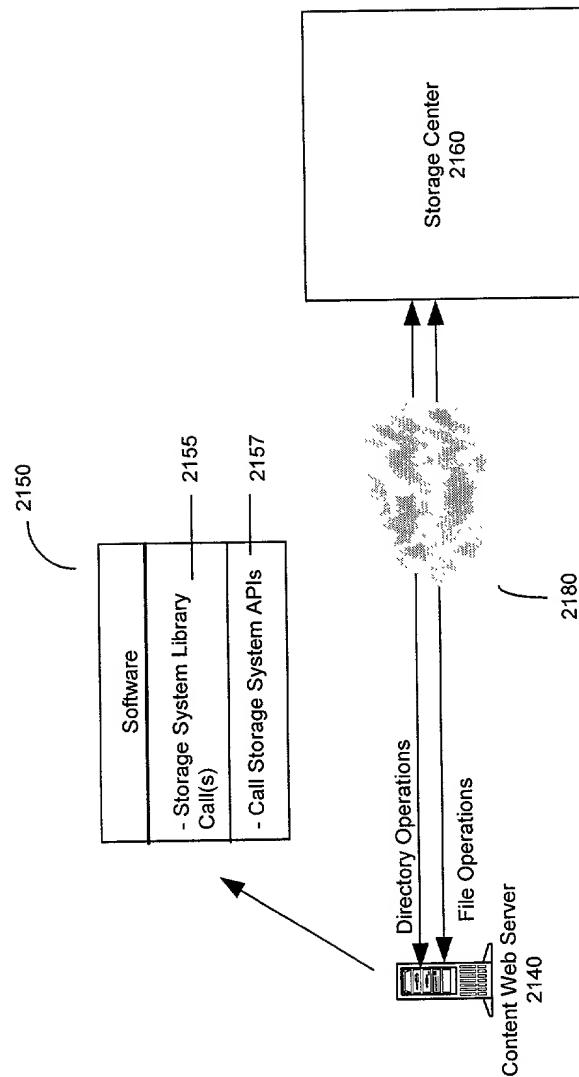


Figure 21b

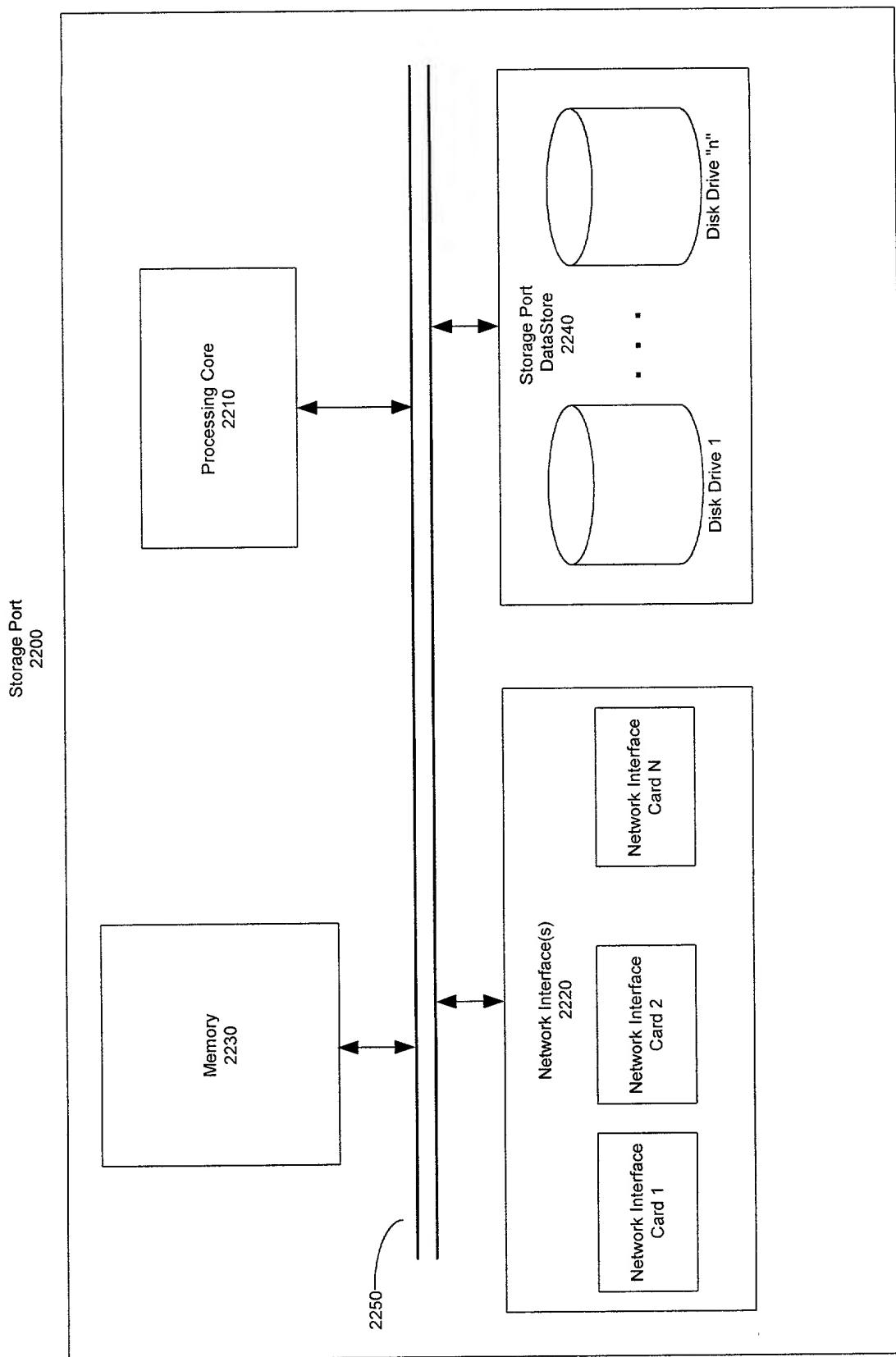


Figure 22

2300

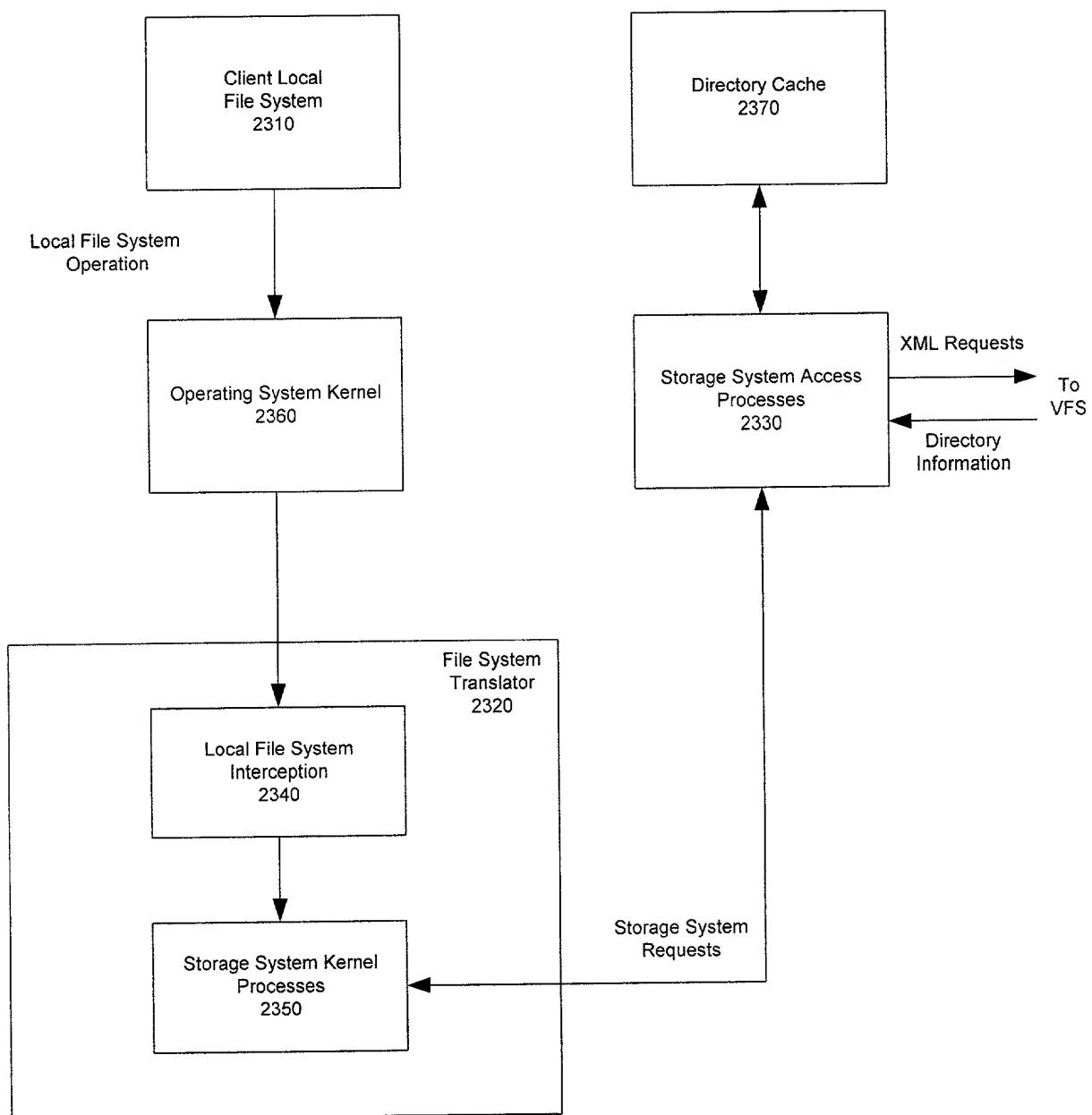


Figure 23

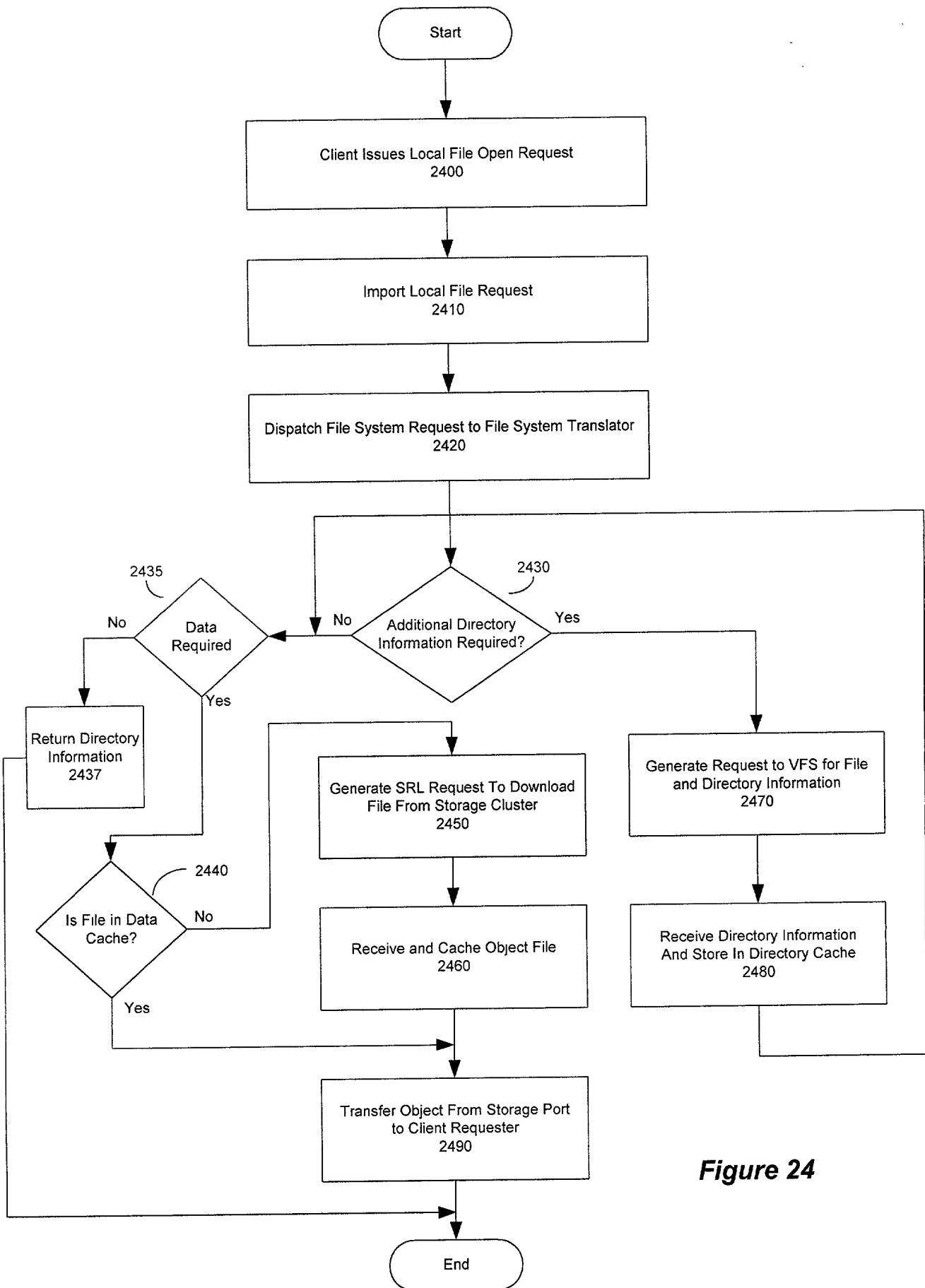


Figure 24

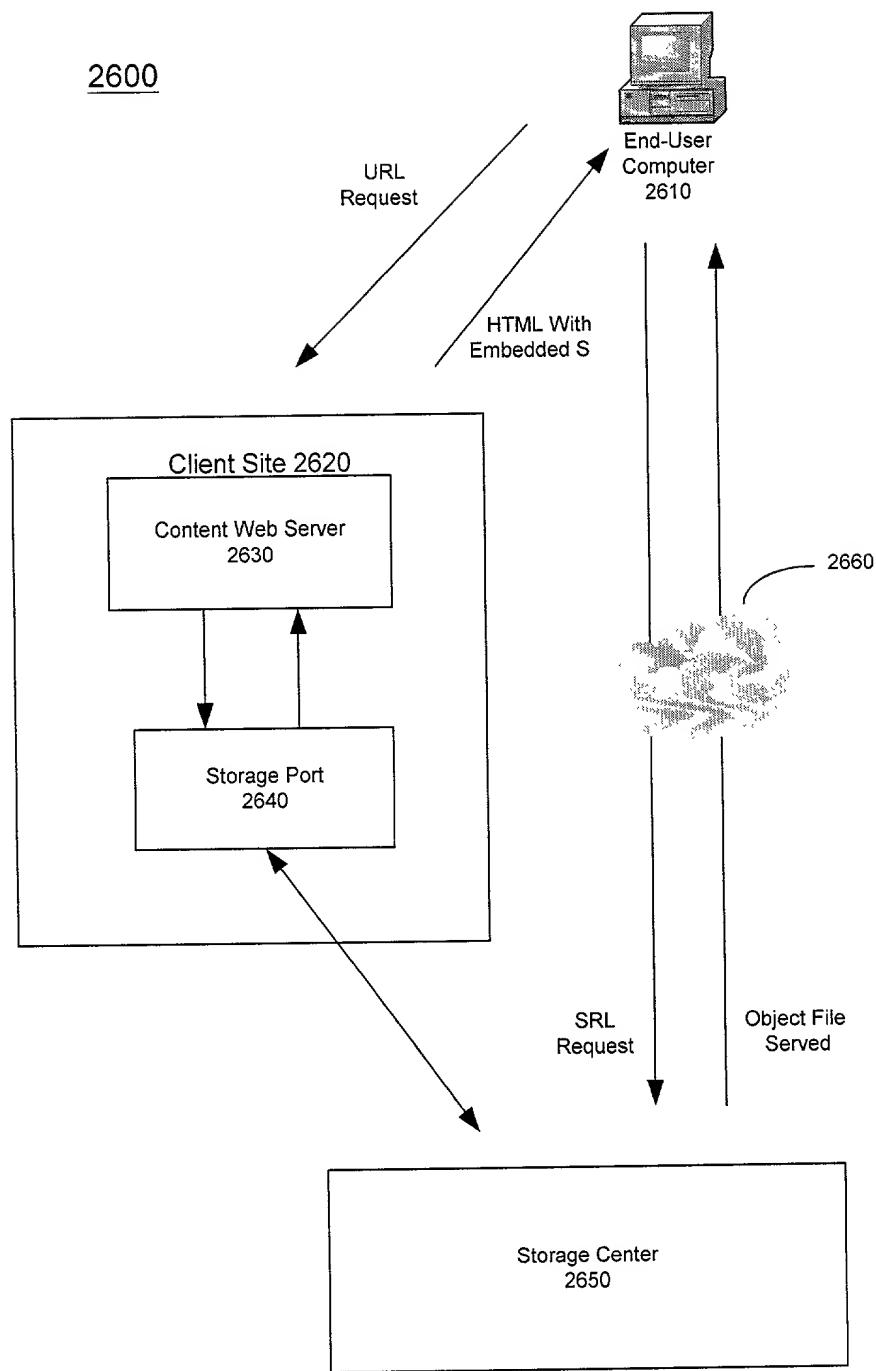


Figure 25

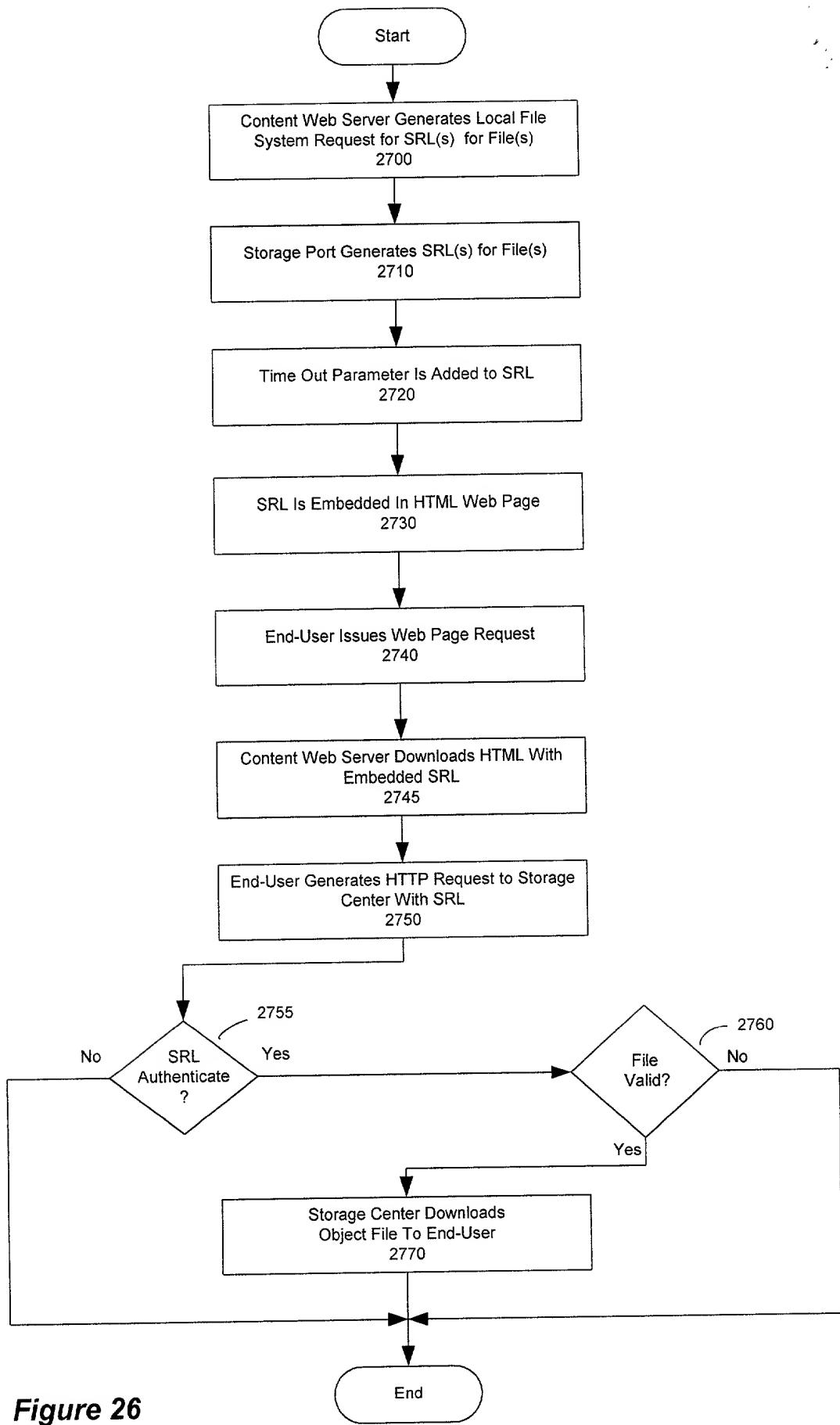


Figure 26

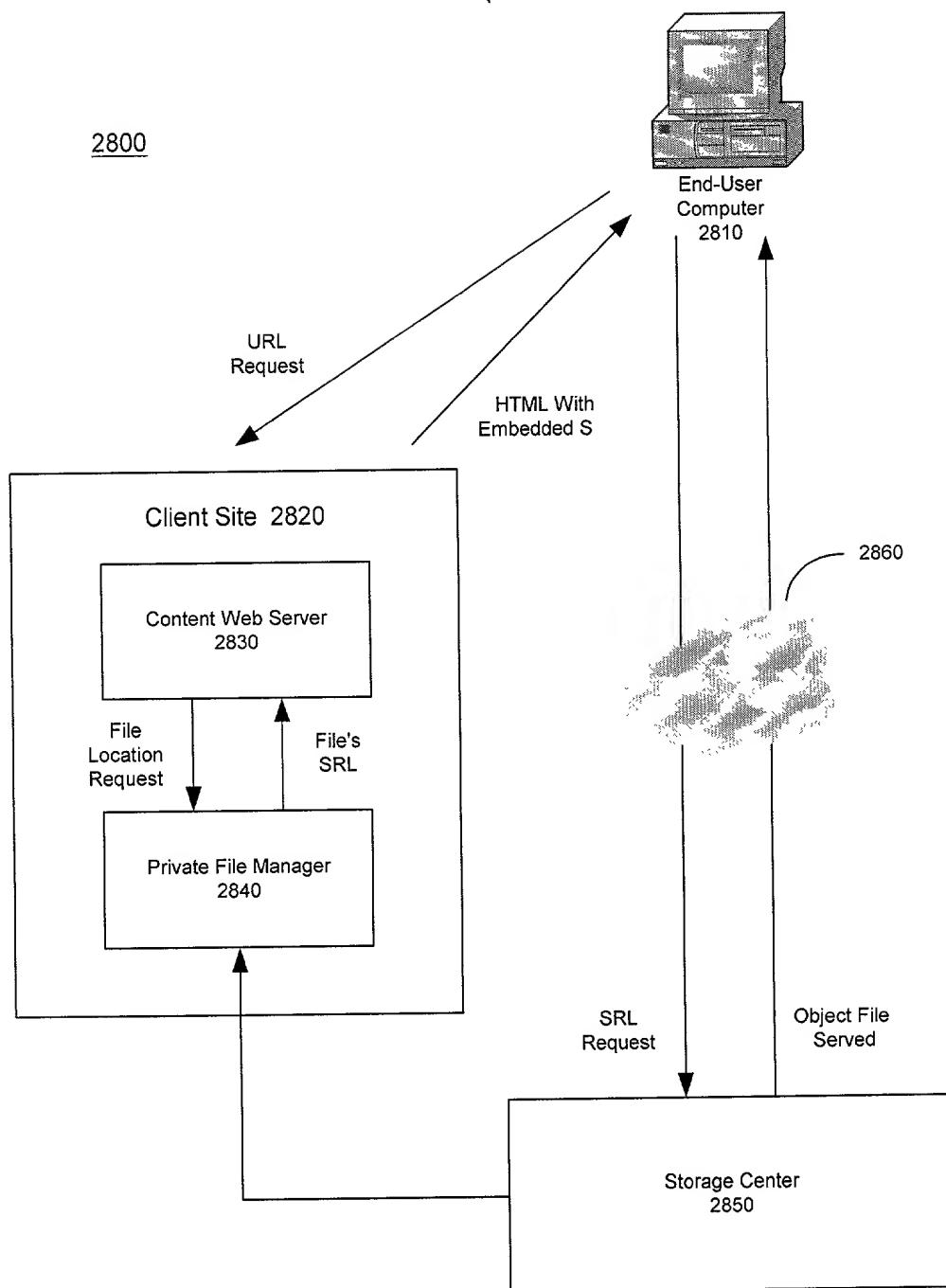


Figure 27

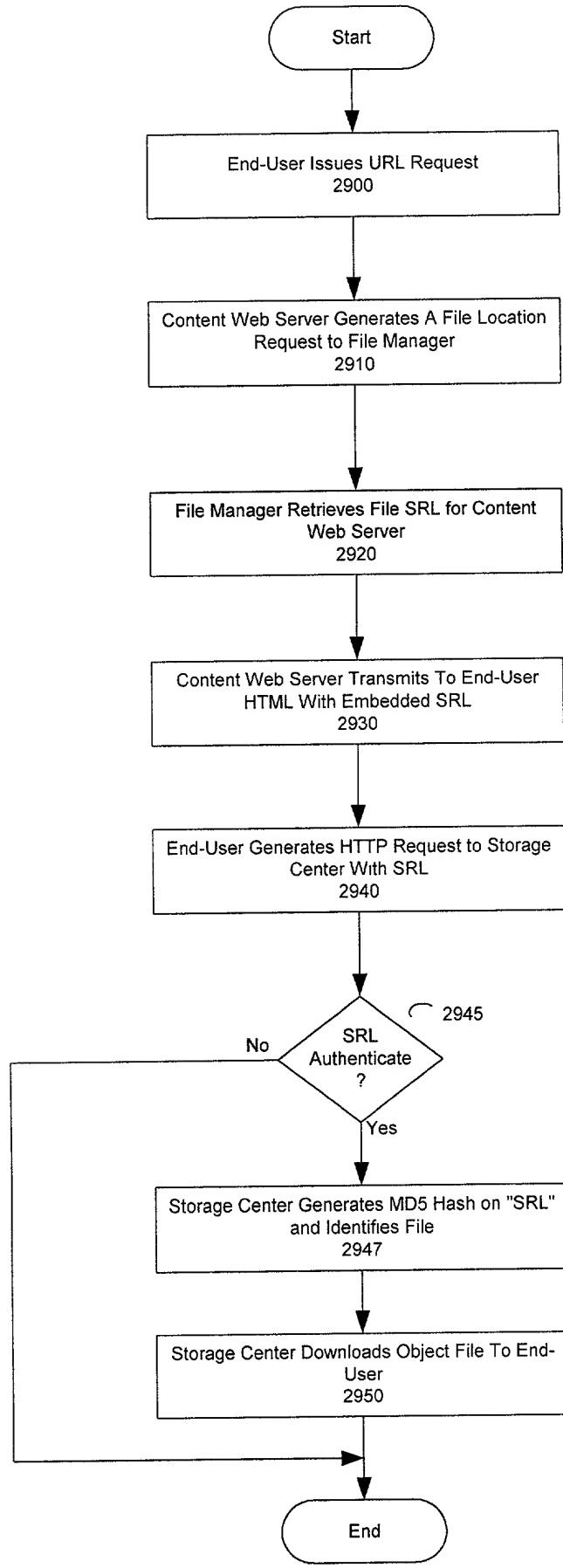
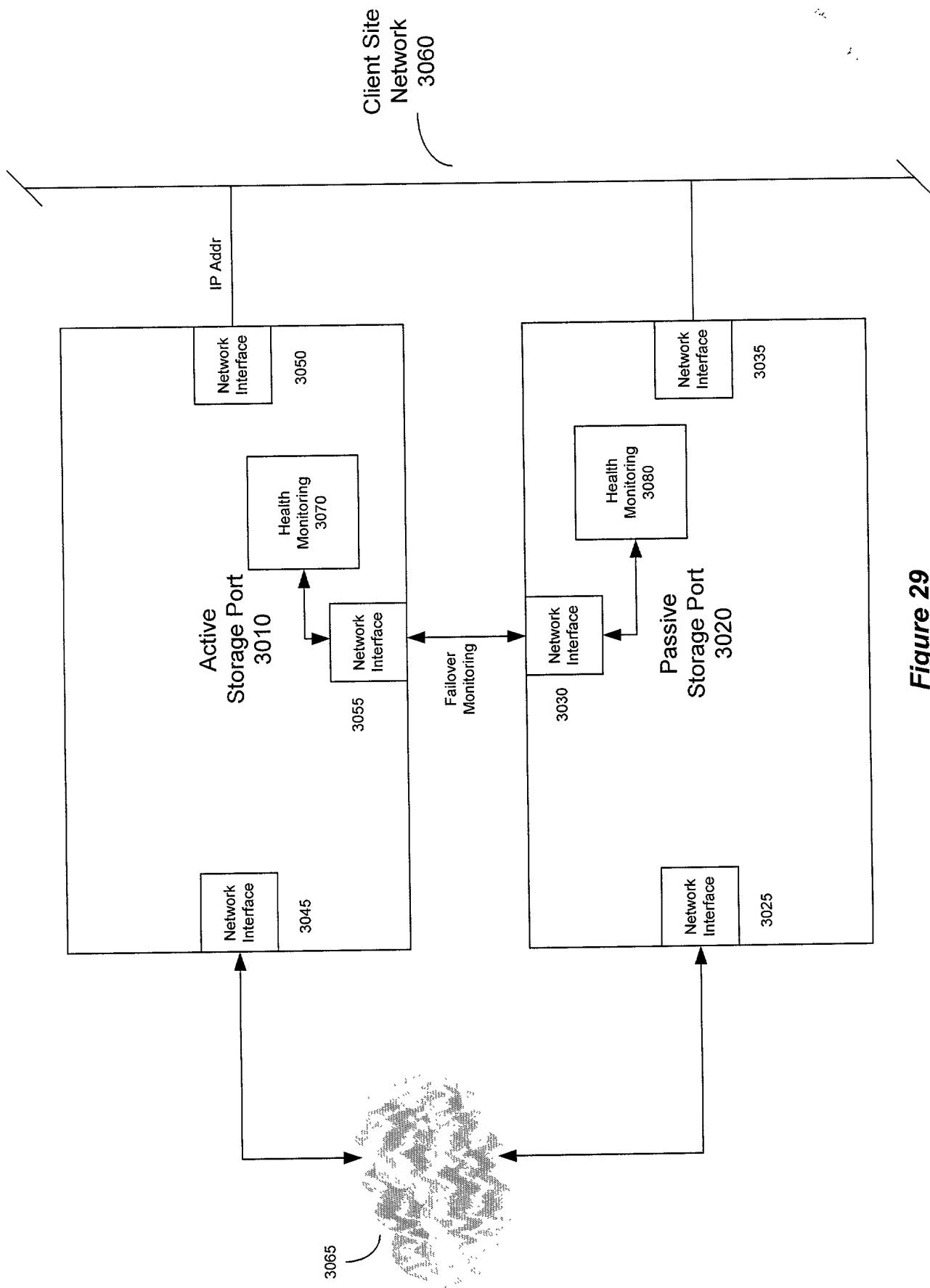


Figure 28

Figure 29



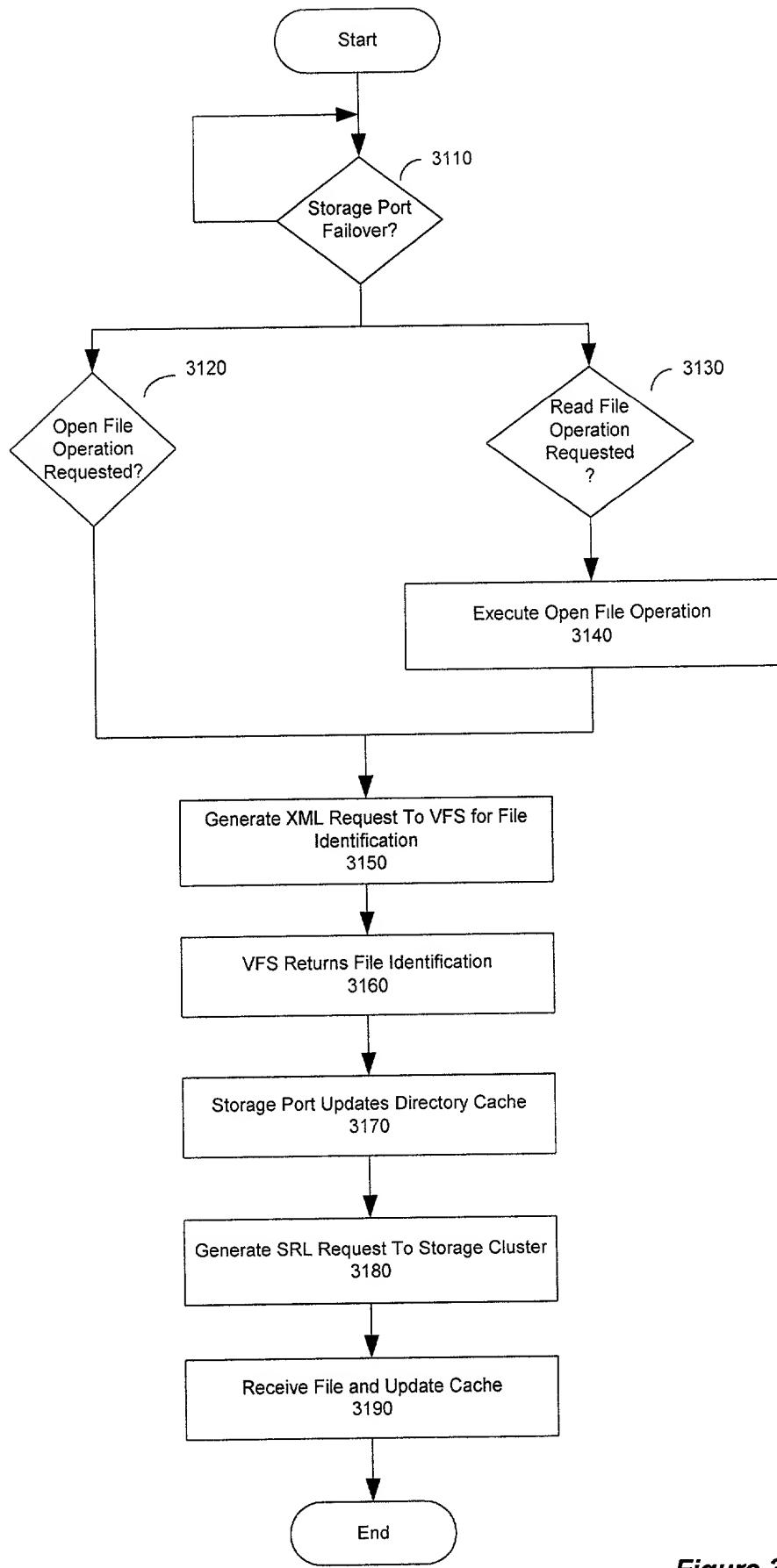


Figure 30

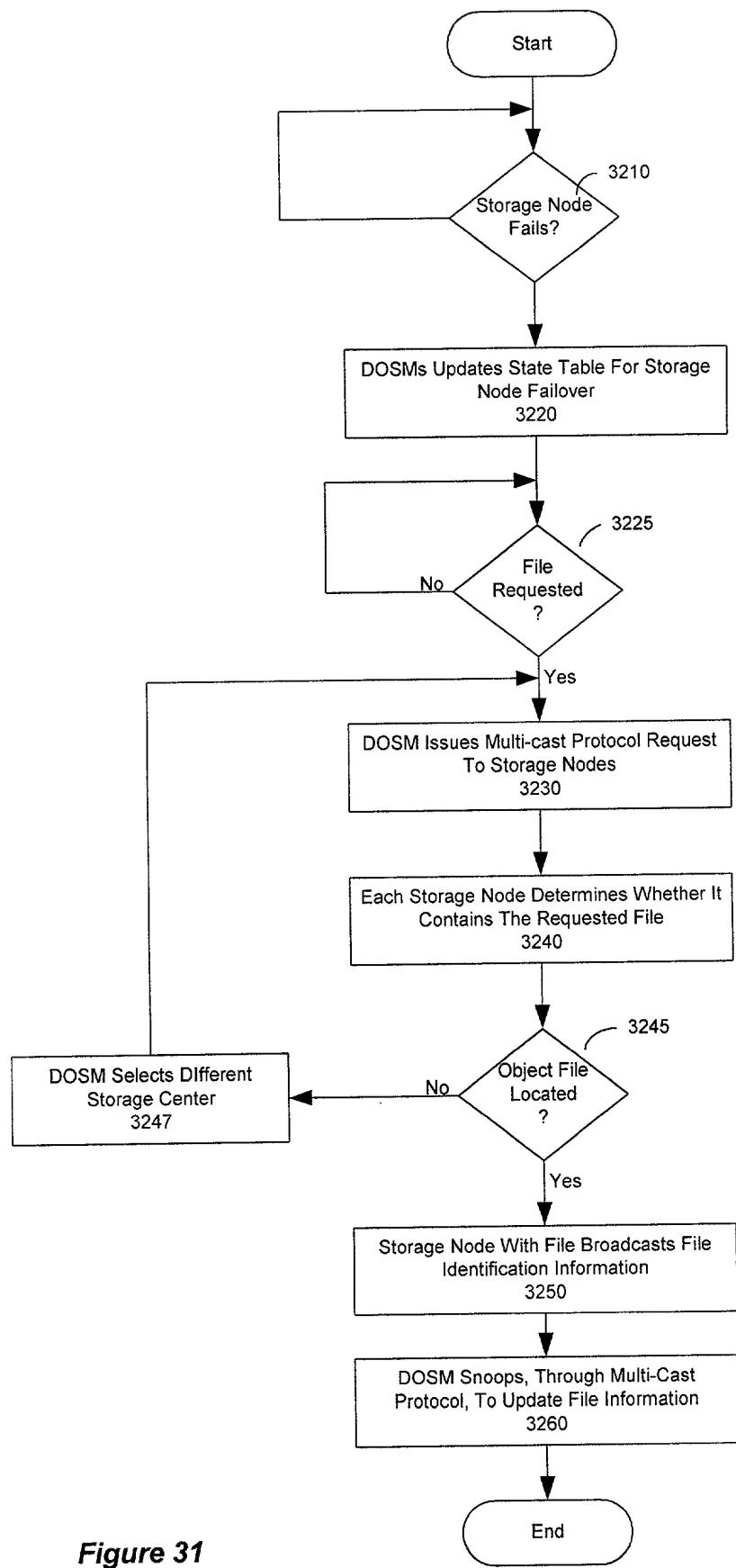


Figure 31